

British DX Club Europe on Mediumwave



WINTER 2024/25

Europe on Mediumwave

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Please see <https://www.dxguides.info/p/latest-news.html> for any updates to this guide.

Additional information, as well as acknowledgements, can be found at <https://www.dxguides.info/>

Whilst there may be errors and omissions, the strong point of the guides is the ability to correct and update quickly. Please do not hesitate to let me know if you see something that doesn't look right. Thanks!

Descriptions used in this guide may have been taken from radio station websites and/or Wikipedia.

Front page studio images (clockwise from top left): Radio Eli (Estonia), Radio Dechovka (Czech Republic), GBC Radio Gibraltar, Antena 1 (Portugal), Radio Capodistria (Slovenia) and RIK Triton (Cyprus)

Albania

Radio Televizioni Shqiptar

Radio Televizioni Shqiptar (English: Albanian Radio and Television; mostly called RTSH) is the national public broadcasting company of Albania. All domestic broadcasting on mediumwave has been discontinued.

Andorra

Ràdio i Televisió d'Andorra

RTVA, is the public and commercial broadcaster in the Principality of Andorra. There is no broadcasting on mediumwave.

Austria

Österreichischer Rundfunk

Österreichischer Rundfunk (ORF - Austrian Broadcasting Corporation) is Austria's largest media provider, operating four national television and twelve radio channels, as well as a comprehensive range of websites.

Museumsradio AM 1476

Museumsradio AM 1476 is the brainchild of Reinhard Pirnbacher, who has moderated the "Pirnis Plattenkiste" programme at Radio Salzburg for over 14 years. His museum broadcasting station airs old German and international record productions. Pirnbacher draws on a collection of over 100,000 records.

Schedule: 1000-2100 in German

kHz	Transmitter site	kW
1476	Bad Ischl, Upper Austria	0.4

Azores

RTP Antena 1 Açores

RTP, formally Rádio e Televisão de Portugal, is the public service broadcasting organisation of Portugal. RTP Antena 1 Açores is a regional station for the Azores. It had most recently operated on 828 kHz but is currently off-air.

Carlos Gonçalves reported to Ydun's Medium Wave Info: "828 Antena 1 Açores, Monte das Cruzes, Flores Island. The last observation I could find in my logs was back in February 2024, so I estimated the silence would be translated in another suppression of a [MF] site. The information I got yesterday contradicted my fears. The monopole needed repair, and that job was done ... but after tests the transmitter developed a problem, meaning another team will have to fly with all the equipment need to put the unit into shape, which is expected to happen sometime this month of November. This outlet covers not just the island of Flores but also the neighbouring island of Corvo, and is said its signal reach most of the archipelago. As to the other Antena 1 Açores MF outlets, the technician I spoke to confirmed there are no plans to use MF again". (Carlos Gonçalves, Portugal, 9 November 2024; <https://mediumwave.info/2024/11/>)

Belarus

Belteleradio

The National State TV and Radio Company of the Republic of Belarus), known as Belteleradiocompany or simply Belteleradio, is the state radio and television broadcasting service in Belarus. There is no longer any domestic broadcasting on mediumwave (or longwave and shortwave).

Belgium

RTBF / VRT / BRF

Vlaamse Radio en Televisieomroep (VRT), Radio-Télévision Belge de la Communauté Française (RTBF) and Belgisches Rundfunk und Fernsehzentrum der Deutschsprachigen Gemeinschaft (BRF) are the Dutch, French and German language broadcasting networks in Belgium. There is no longer any domestic broadcasting on mediumwave.

Bosnia and Herzegovina

Radio-Televizija Bosne i Hercegovine (BHRT) / Radio-Televizija Federacije Bosne i Hercegovine (RTV FBiH) / Radio Televizija Republike Srpske (RTRS)

BHRT, RTV FBiH and RTRS are the Bosnian, Croatian and Serbian language broadcasting networks in Bosnia and Herzegovina. There is no domestic broadcasting on mediumwave from these organisations.

Radio 1503

Radio 1503 is the only radio station in Bosnia and Herzegovina that is still broadcasting on mediumwave. The schedule includes relays of BHR-1 and Radio FBiH at certain times and also carries the RFE/RL Bosnian Service at 0700-0800, 1400-1430, 1700-1730, 2100-2200 and 2300-0000 as per the [RFE/RL website](#) (with times adjusted to UTC)

Schedule: 24 hours in Bosnian

kHz	Transmitter site	kW
1503	Zavidovići, Zenica-Doboj Canton	1

Bulgaria

Bulgarian National Radio

Bulgarian National Radio is Bulgaria's national radio broadcasting organisation. It operates two national and nine regional channels, as well as an international service.

BNR-1, Horizont

Horizont is BNR's most listened-to channel, with round-the-clock news, comment, and music. It can be heard throughout Bulgaria on mediumwave 576 kHz.

Schedule: 24 hours in Bulgarian

kHz	Transmitter site	kW
576	Vidin, Vidin Province, NW Bulgaria	200

Croatia

Hrvatska Radiotelevizija

Hrvatska Radiotelevizija (HRT) is a Croatian public broadcasting company. It operates several radio and television channels, over a domestic transmitter network as well as satellite. HRT is divided into three joint companies - Croatian Radio (Hrvatski Radio), Croatian Television (Hrvatska Televizija) and Music Production (Glazbena Proizvodnja). Croatian Radio operates three national stations, several regional branches and an international service. All domestic broadcasting on mediumwave has been discontinued.

Cyprus

Cyprus Broadcasting Corporation

Cyprus Broadcasting Corporation is the public broadcasting service of Cyprus. CyBC had until recently operated two channels on mediumwave. The First Channel, known as RIK Proto, was on 963 kHz featuring news, current affairs, educational and cultural programmes. The Third Channel, known as RIK Triton, was on 603 kHz with entertainment and information. However, as of December 2024 both 603 and 963 kHz are silent.

International broadcasting from Cyprus

Encompass East Mediterranean Relay Station

The Encompass East Mediterranean Relay Station used to exclusively relay BBC World Service programmes until they were discontinued on 26 January 2023 (the last remaining service had been BBC Arabic to North Africa and the Middle East on 639 and 720 kHz). Since then Encompass has kept the transmitters on standby for use as required.

Transmitter site: Zakaki, Lady's Mile, Akrotiri Sovereign Base Area - 250 kW.

Time/UTC	Days	Station	kHz
0600-0730	Daily	BBC Arabic TV (audio) / BBC World Service (English)	639 720
1300-1930	Daily	BBC Arabic TV (audio) / BBC World Service (English)	639 720

BBC World Service reported on X on 13 December 2024 that "Audiences in Syria, Gaza and the West Bank can now tune in to BBC News on MW 639 and 720 frequencies every day! Catch us from 06:00-07:30 GMT and 13:00-19:30 GMT for the latest updates and more". As well as BBC Arabic, BBC World Service in English also forms part of the schedule.

Czech Republic

Český rozhlas

Český rozhlas (CRo) is the public radio broadcaster of the Czech Republic operating continuously since 1923. It is the oldest radio broadcaster in continental Europe and the second oldest in Europe after the BBC. Český Rozhlas was established in 1992 by the Czech Radio Act, which sets out the framework for its operation and financing. It acts as the successor to the previous state-owned Czechoslovak Radio which ceased to exist by 1992. All ČRo services on longwave and mediumwave were discontinued on 31 December 2021.

Country Radio

Country Radio is the first music station that specialises exclusively in country music genres. It is one of the most successful regional radios on the Czech market.

Schedule: 24 hours in Czech

kHz	Transmitter sites	kW
639	Prague-Liblice	20
954	České Budějovice	4

Radio Impuls

Radio Impuls is a private radio station operating in the Czech Republic. It was formed in 1999, when it replaced the nationwide radio station Alfa Radio, which did not defend its license. Radio Impuls is the most listened radio station in the Czech Republic. Since September 2014, an additional service called Český Impuls has been broadcast on 981 kHz specialising in Czech songs mostly from the 60s to the 80s.

Schedule: 24 hours in Czech

kHz	Transmitter sites	kW
981	Líbeznice/Bořanovice	10

Radio Dechovka

Radio Dechovka is a private radio station focusing on folk music with special programmes devoted to brass music in Bohemia, Moravia and Silesia. It also plays "old Prague" songs, popular songs from the 1960s and traditional music.

Schedule: 24 hours in Czech

kHz	Transmitter sites	kW
792	Hradec Králové-Stěžery	10
1260	Líbeznice-Bořanovice	10

Denmark

DR

DR is the Danish public-service broadcasting company. There is no longer any broadcasting from DR on mediumwave.

World Music Radio

World Music Radio (WMR) play a mix of music from all corners of the world, focusing on tropical world music. They use some 30 different languages, including English.

Schedule: 24 hours

kHz	Transmitter site	kW	Note
927	Hvidøre	0.3	also on 5930 15700 and 25800 kHz (see "Europe on Shortwave")

Radio208

Radio208 plays progressive classic rock from 1964-1984 with no studio hosts.

Schedule: 24 hours

kHz	Transmitter site	kW	Note
1422	Nørrebro	0.01	also on 5970 kHz (see "Europe on Shortwave")
1440	Ishøj	0.65	as above

Estonia

Eesti Rahvusringhääling (ERR)

Eesti Rahvusringhääling (ERR) - Estonian Public Broadcasting - is a publicly funded and owned radio and television organisation created in Estonia on 1 June 2007 to take over the functions of the formerly separate Eesti Raadio (ER) (Estonian Radio) and Eesti Televisioon (ETV) (Estonian Television), under the terms of the Estonian National Broadcasting Act. There is no domestic broadcasting on mediumwave or shortwave.

International broadcasting from Estonia

Radio Eli

The mediumwave transmitter on 1035 kHz is owned by Tartu Pereraadio for broadcasts to Russia. It is used primarily by Eli Family Radio, operating under the name of Radio Eli, and includes a relay of TWR.

Schedule: 24h in Russian/Ukrainian/Belarusian

kHz	Transmitter site	kW
1035	Pajukurmu, some 20 km NE from Tartu	100 (increases to 200 kW for TWR broadcasts at 1915-2020 Mon-Fri)

For further details of TWR programming on Radio Eli, please see [External Services on Mediumwave](#) for 1035 kHz

Faroe Islands

Kringvarp Føroya Útvarpid

Kringvarp Føroya is the national broadcasting company of the Faroe Islands. It was founded on 1 January 2005 after a merging of the national Faroese radio (Útvarp Føroya) and the national Faroese Television (Sjónvarp Føroya).

Schedule: 24 hours in Faroese

kHz	Transmitter site	kW
531	Akraberg, the southern tip of Suðuroy	10

Finland

Yleisradio Oy

Yleisradio Oy (lit. 'Public Radio, Ltd'), abbreviated as Yle and translated to English as the Finnish Broadcasting Company, is Finland's national public broadcasting company. There is no longer any broadcasting on mediumwave by Yle.

Scandinavian Weekend Radio

Scandinavian Weekend Radio (SWR) is a radio station in Virrat, Finland, established in 2000. It was the first private radio station on MW/SW in Finland. It is run by volunteers of which many are radio amateurs, DXers and former pirate radio operators. SWR broadcasts for 24 hours from 0000 local time on the first Saturday of the month (except for January, May and September). Further information can be found at <http://www.swradio.net/>

Next broadcast: 2200 UTC on Friday 7 February to 2200 UTC on Saturday 8 February 2025

kHz	Transmitter site	kW	Note
1602	Virrat, Pirkanmaa region, Southwest Finland	0.4	also on FM 94.9 and also licensed for SW 5980, 6170, 11690 and 11720 kHz at various times (please see Europe on Shortwave for further details)

Alfa Media Group Oy

The Finnish Transport and Communications Agency Traficom has granted Alfa Media Group Oy a software license for the more marginal AM radio operation in Finland on the medium wave frequency in Pori. In September, the agency also granted licenses for FM radio operations to those locations where there were enough frequencies for all applicants. Now the Government has made the decisions regarding the frequencies that had several applicants. Traficom has granted Alfa Media Group Oy a license for the AM radio frequency Pori 963 kHz, which was applied for in the radio round last summer. There are hardly any AM broadcasts in Finland these days, and in recent years there has been only one AM radio station in Tampere in long-term operation. (Kari Kallio - WOR IOG, 8 November 2024)

France

Radio France

Radio France is the French national public radio broadcaster. The Radio France group is 100% owned by the French State. Nearly 80% of Radio France's funding comes from Television licence, the remaining 20% comes from own resources, mainly from advertising and diversification activities developed by Radio France. All domestic broadcasting from Radio France has been discontinued on mediumwave.

Bretagne 5

Bretagne 5 is a private radio station located in Brittany. It was originally called Littoral AM but was relaunched in June 2015 as the first community radio station authorised to broadcast on mediumwave in France. It operated on 1593 kHz from Saint Gouéno with 10 kW but has been off-air since 22 November 2023 due to a problem with the power supply.

International broadcasting from France

TWR Europe and CAMENA

TWR Europe and CAMENA (a regional abbreviation for outreaches to Central Asia, Middle East, and North Africa) is a division of TWR International.

Transmitter site: Roumoules, Alpes-de-Haute - 1000 kW

kHz	Time/UTC	Days	Language
1467	2115-2145	Daily	Kabyl
	2145-2300	Daily	Arabic

For further details of TWR programming from Roumoules, please see [External Services on Mediumwave](#) for 1467 kHz

Germany

Radio stations in Germany are licensed by media authorities in individual states, a result of Germany's federal structure. There are three nationwide public radio stations: Deutschlandfunk, broadcasting news and background stories on current affairs; Deutschlandfunk Kultur, mostly broadcasting cultural programmes; Deutschlandfunk Nova, a digital-only station which mainly broadcasts science and technology stories. Other public radio stations run by local public broadcasters are generally only available in the states which those broadcasters operate.

Low power mediumwave stations in Germany

There are a number of low-power mediumwave broadcasting stations in Germany that have started since the demise of regional, national and international broadcasting on long and mediumwave. Those stations currently believed to be on-air, either permanently or for special occasions, are:

Museumssender Cham

Transmitter site: Cham, Bavaria - 0.001 kW.

Frequency: 801 kHz with occasional special event broadcasts.

Further details: <https://chamer-rundfunkmuseum.de/home>

Wertingen Radio & Telefonmuseum

Transmitter site: Wertingen, Bavaria - 0.001 kW.

Frequency: 801 kHz on the third Sunday of the month 1400-1700 local time and occasional special event broadcasts.

Further details: <https://am-radio-stations.de/ortssender-wertingen-auf-801-khz/>

Funkerberg - Sender und Funktechnikmuseum Königs Wusterhausen - Rundfunkstadt

Transmitter site: Königs Wusterhausen, Brandenburg - 0.009 kW.

Frequency: 810 kHz with "Welle 370" on 3rd Sunday of month from 1400 local time; also occasional special events.

Further details: <https://museum.funkerberg.de/>

Funklust

Transmitter site: Erlangen, Bavaria ("Joe") - 0.006 kW (0.1 kW between 1600-0400 UTC)

Frequency: 1485kHz at 0400-2300 UTC with programmes produced by Funklust, a student radio station, and then between 2300-0400 has 1 kHz test tones (one second on and off) that provide the opportunity for DXers in Europe to hear this low-power transmitter.

Further details: <https://www.funklust.de/>

Radio Eule

Transmitter site: Munich, Bavaria - 0.001 kW.

Frequency: 1500 kHz with occasional special event broadcasts.

Further details: <https://www.deutsches-museum.de/museum/presse>

Gibraltar

Radio Gibraltar Plus AM

Gibraltar Broadcasting Corporation is Gibraltar's public service broadcaster. It operates Radio Gibraltar Plus AM on MW.

Schedule: 24 hours in English and Spanish

kHz	Transmitter site	kW	Note
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1458	Maida Vale	4	All in English, except for Spanish at 1800-1900 Monday-Friday
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Greece

Ellinikí Radiofonía Tileóراسi (ERT)

The Hellenic Broadcasting Corporation (romanized: Ellinikí Radiofonía Tileóراسi A.E., lit. Greek Radio [and] Television S.A.), commonly shortened to ERT (Greek: EPT), is the state-owned public radio and television broadcaster of Greece.

ERA-1

ERA-1 is the main programme of ERT. Transmitters broadcasting ERA-1 may also carry regional programmes at certain times of the day and relay the Kosmos programme in the evenings.

Schedule: 24 hours in Greek

kHz	Location	kW	Main prgr	Regional prgr	Overnight
729	Athia	70	ERA-1		
1008	Kerkira	50	ERA-1	ERA Kerkiras	relay Kosmos 93.6 overnight
1305	Tripoli	1	ERA-1	ERA Tripolis	relay Kosmos 93.6 overnight

Kosmos 93.6 is the fourth public radio channel of Greece's public broadcaster, ERT, and is heard overnight on 1008 and 1305 kHz. The programme consists of world music, jazz, folk, reggae, Latin idioms, black music and Afro and adult European pop.

Ilida Radio

Ilida Radio 91.1 is a commercial radio station based in Amaliada, with a mediumwave transmitter in nearby Kastro-Kyllini.

Schedule: 24 hours in Greek

kHz	Transmitter site	kW
1584	Kastro-Kyllini	1

Hungary

Duna Media

Duna Media Service Provider (Hungarian: Duna Médiaszolgáltató), simply known as Duna Média, is Hungary's public service broadcaster for radio, television and new media. The company was established in July 2015. Duna Media is the result of a merger between the former public service broadcasters Magyar Televízió (MTV), Magyar Rádió (MR) and Duna TV, as well as the Hungarian news agency Magyar Távirati Iroda (MTI).

Kossuth Rádió

Kossuth Rádió is one of seven national radio stations in Hungary, concentrating mainly on news and current affairs. Its mediumwave transmitter can be heard all over Central Europe and beyond.

Schedule: 0325(0355sa/su)-2130 in Hungarian

kHz	Transmitter site	kW
540	Solt, Great Hungarian Plain	1000

Nemzetiségi Adások

Nemzetiségi Adások broadcasts in the languages of national minorities of Hungary.

Schedule: 0700-1900 in minority languages

kHz	Transmitter site	kW
873	Lakihegy, Central Hungary	20
	Pécs, Southern Hungary	20
1188	Marcali, South-West Hungary	300
	Szolnok, Central Hungary	100
1350	Győr, North-West Hungary	5

Language schedule

0700-0900	Daily	Croatian	1200-1230	Fri	Ukrainian
0900-1100	Daily	German	1200-1230	Sat	Armenian
1100-1200	Mon-Fri	Roma/Gypsy	1200-1255	Sun	Hungarian ("In Our Country")
1100-1200	Sat/Sun	Nationalities music	1230-1300	Mon-Fri	Nationalities music
1200-1230	Mon	Slovenian	1230-1300	Sat	Polish
1200-1230	Tue	Rusyn/Ruthenian	1300-1500	Daily	Serbian
1200-1230	Wed	Bulgarian	1500-1700	Daily	Romanian
1200-1230	Thu	Greek	1700-1900	Daily	Slovak

Dankó Rádió

Dankó Rádió is one of the music radio channels of Hungarian Radio, which broadcasts Hungarian songs, folk music and operetta. The station is named after the Gypsy composer, Dankó Pista .

Schedule: 0330(0350ss)-2005 in Hungarian

kHz	Transmitter site	kW
1116	Miskolc, North-East Hungary	15
1251	Nyíregyháza, North-East Hungary	25

Iceland

Ríkisútvarpið (RÚV)

RÚV is Iceland's national public-service broadcaster. There is no broadcasting on mediumwave

Ireland

Raidió Teilifís Éireann (RTÉ)

RTÉ is the national public service broadcaster of the Republic of Ireland. It no longer broadcasts on mediumwave.

Radio North 846 AM

Radio North 846 AM describes itself as "the Premier Oldies and Country station for Northern Ireland, the west of Scotland and the Scottish isles broadcasting region-wide. Radio North has been broadcasting for over 20 years and has established the largest audience for its genre of music. Radio North is also the premier station for advertisers and is constantly attracting new customers daily due to its easy listening programming".

Schedule: 24 hours in English

kHz	Transmitter site	kW
846	Redcastle, County Donegal	3

Radio Star Country

Radio Star Country has been broadcasting over 981 kHz for over 25 years "bringing Gospel and Irish Country music province-wide, in Ireland". They say their focus "is on not just quality broadcasting, but also on providing Gospel ministries a reliable outlet to reach the nation with their message".

Schedule: 24 hours in English

kHz	Transmitter site	kW
981	Emyvale, County Monaghan	1

Italy

Radiotelevisione Italiana (Rai)

Radiotelevisione Italiana, commercially styled as Rai since 2000, is the national public broadcasting company of Italy. Rai's nationwide services are Rai Radio 1 (news and sports), Rai Radio 2 (adult contemporary music and talk shows), Rai Radio 3 (classical music and culture), Rai Radio 3 Classica (classic and opera music), Rai Gr Parlamento (coverage of proceedings in the Italian Parliament) and Rai Isoradio (for motorway users). All mediumwave transmitters were closed by midnight (2200 UTC) on 10 September 2022.

Private radio stations

There are a number of private radio stations on mediumwave in Italy, both licensed and unlicensed. Please check the latest edition of Antonello Napolitano's "DX Fanzine" at <http://www.dxfanzine.org/>, which has more detailed information.

kHz	Station	Location
603	Nuova Radio AM	Spoltore PE (Abruzzo)
711	Media Radio Castellana	Castel San Pietro Terme BO (Emilia-Romagna)
819	Radio Calcio FVG	Trieste TS (Friuli Venezia Giulia)
846	Radio Luce	Grottaferrata RM (Lazio)
918	AM Italia	Villa Estense PD (Veneto) - see below
927	Power 9-2-7	Abbiategrosso MI (Lombardia)
1017	Amica Radio Veneta	Vigonza PD (Veneto)
1071	Media Veneta Radio/Voglia di Radio	Piove di Sacco PD (Veneto)
1098	Media Radio Castellana	Castel San Pietro Terme BO (Emilia-Romagna)
1188	Radio Studio X	Momigno PT (Toscana)
1233	Milano XR	Magenta MI (Lombardia)
1233	This is Radio!	Piove di Sacco PD (Veneto)
1323	AM Italia	Villa Estense PD (Veneto) - see below
1350	Radio Z 100 Milano AM	Linate MI (Lombardia)
1359	Regional Radio	Viterbo VT (Lazio)
1395	Regional Radio	Settebagni RM (Lazio)
1404	Radio Banana	Casalgrande RE (Emilia-Romagna)
1440	Regional Radio	Narni TN (Umbria)
1449	Radio Briscola	Lenta VC (Piedmont)
1485	Radio Luce	Ascoli Piceno AP (Marche)
1485	Radio Luce	Perugia PG (Umbria)
1485	Radio Studio X	Livorno LI (Toscana)
1485	Regional Radio	Terni TR (Umbria)

1494	Regional Radio	Perugia PG (Umbria)
1503	Radio Metropolis	Trieste TS (Friuli Venezia Giulia)
1512	Radio Lago Trasimeno	Perugia PG (Umbria)
1539	Radio Calcio FVG	Murris Ragogna UD (Friuli Venezia Giulia)
1566	Radio Kolbe	Colli Berici VI (Veneto)
1575	Radio Centrale Milano	Valenza AL (Piemonte)
1584	Radio Piterpan	Vicenza VI (Veneto)
1584	Radio Studio X	Arezzo AR (Toscana)
1584	Regional Radio	Rieti RI (Lazio)
1584	Radio Luce	Rimini RN (Emilia Romagna)
1602	Dot Radio	Spello PG (Perugia)
1602	Radio a Colori	Bologna BO (Emilia Romagna)
1602	RTV Radio Treviso	Treviso TV (Veneto)

IRRS - NEXUS-IBA

NEXUS-International Broadcasting Association is a coalition of broadcasters and independent programme producers. IRRS mediumwave broadcasts originate from the transmitters of AM Italia.

Schedule: 1800-2210 in English (except for French every Sunday at 2130-2145)

kHz	Transmitter site	kW
1323	Villa Estense, PD, Veneto	5

and also relayed on:

918	Villa Estense, PD, Veneto	1
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Kosovo

Radiotelevizioni i Kosovës (RTK)

Radiotelevizioni i Kosovës (RTK) is the national broadcasting service of Kosovo. Radio Kosovo 1 is the main radio channel of RTK, and until recently was active on 549 kHz (Prishtinë - 1 kW). However, this transmitter may now be silent.

Latvia

Latvian Radio

Latvian Radio (Latvijas Radio) is the national public-service radio broadcasting network. Since 2025, it has been merged with Latvian Television (the public TV broadcaster) into a single organisation - Latvian Public Media. The Latvian Radio brand remains in place. Latvian Radio no longer broadcasts on mediumwave.

Radio Merkurs

Radio Merkurs was a private radio station in Riga that had been broadcasting since 2008. However, it is now inactive on 1485 kHz (last operating with 0.3 kW but was licensed for 1 kW).

Radio Centrs

Radio Centrs is a religious broadcasting station based in Riga. It had operated on 1602 kHz (1.25 kW) in Russian and English but is currently inactive, although Rihards Millers confirms that their license is still active.

Lithuania

Lietuvos nacionalinis radijas ir televizija

LRT is the national public broadcaster of Lithuania. There is no domestic broadcasting on mediumwave in Lithuania.

International broadcasting from Lithuania

Radio Baltic Waves International

A mediumwave transmitter is leased by Radio Baltic Waves International from Lietuvos Radiojo ir Televisijos Centras (LRTC), Lithuania's national transmitter network operator, for transmissions to neighbouring countries. RBWI markets air time on 1386 kHz from Viešintos for foreign broadcasters, which currently consist of NHK World Japan, Radio Poland, RFE/RL and Radio Ukraine International.

kHz	Transmitter site	kW
1386	Viešintos, Lithuania	75

Time/UTC	Days	Service	Language	notes
0330-0350	Daily	NHK World Japan	Russian	
0350-0400	Daily	NHK interval signal or open carrier		
0400-0500	Daily	Radio Poland	Belarusian	
0500-0530	Daily	Radio Poland	Ukrainian	

1300-1400	Daily	Radio Poland	English	
1400-1500		<i>nothing on air at this time</i>		
1500-1510	Mon-Fri	NHK World Japan	Russian	
1500-1520	Sat/Sun	NHK World Japan	Russian	
1510-1525	Mon-Fri	NHK World Japan	English	
1520-1530	Sat/Sun	NHK World Japan	English	
1525-1530	Mon-Fri	NHK World Japan	Russian	sometimes heard with just open carrier
1530-1600		<i>nothing on air at this time</i>		
1600-1630	Daily	Radio Poland	Russian	
1630-1700	Daily	Radio Poland	Polish	
1700-1730	Daily	Radio Poland	German	
1730-1750	Daily	NHK World Japan	Russian	
1750-1800	Daily	NHK interval signal or open carrier		
1800-1830		<i>nothing on air at this time</i>		
1830-2100	Daily	RFE/RL Radio Svoboda	Russian	
2100-0330	Daily	Radio Ukraine International	Various	see entry for Ukraine for further details

Occasional broadcasts may be made by others on 1386 kHz, such as CM Obrecht (see under Switzerland)

Radio Lenta / Radio Pravda

Radio Lenta (and may also refer to itself as Radio Pravda) is a project that started broadcasting on 5 August 2022 on 1557 kHz from a transmitter in Lithuania. The programmes are produced in the Netherlands and intended for listeners in Russia, with the purpose of directing against disinformation, against war, and to compensate for Russian anti-Ukrainian propaganda. The transmitter has a rich history, being the one that was used by Big L on AM 1395 kHz from Trintelhaven in the Netherlands, in an attempt to reach a daytime audience in England. Later it was used on 1008 kHz to broadcast the religious station Groot Nieuws Radio. Since GNR's closure on 1008 kHz in early 2019, the transmitter had been stored in the Netherlands before being moved to Lithuania. It may also ID as "Nasha Lenta" ("Our Band") in Russian.

Schedule: 1455-2105 in Russian.

kHz	Transmitter site	kW
1557	Sitkūnai, Lithuania	50

Thanks to Alex Miatlikov for confirming the latest schedule. Alex adds that it's worth mentioning that the station changes its schedule on 1557 kHz quite often, either extending or cutting it by one or two hours.

Radio Signal

Information from the Radio Signal website: "Radio Signal is an information radio station. The most important topics of the day from the life of Belarus, comments from first persons, news from the union states, news from Europe and the world, chronicles of incidents, useful secrets, incredible facts, news from the world of stars, culture, information about holidays and historical events in Belarus and abroad. We talk about all this in an interesting and easy way! Radio Signal - details about the important things!". Radio Signal was first reported in April 2024.

Schedule: 1500-2105 in Russian.

kHz	Transmitter site	kW
666	Sitkūnai, Lithuania	25

Many thanks to Rihards Millers in Latvia and Alex Miatlikov in Ukraine for helping to keep this section up-to-date with their regular updates and observations

Luxembourg

RTL

RTL Group (Radio Television Luxembourg) is a Luxembourgish-based international media company. Its mediumwave frequency of 1440 kHz (208 metres) was most famous for the English-language service of Radio Luxembourg, which sadly came to an end on 30 December 1992. The 208 service from that moment on carried the German-language programme, identifying itself as "RTL Radio - Der Oldiesender". This closed at midnight on 31 December 2015.

Madeira

RTP

RTP, formally Rádio e Televisão de Portugal, is the public service broadcasting organisation of Portugal. However, RTP Antena 1 no longer broadcasts on mediumwave in Madeira.

PEF - Posto Emissor de Radiodifusão do Funchal

PEF is a private radio station operating on Madeira. Operating on 1530 kHz, the transmitter can operate at 10 kW but is believed to be at only 3 kW nowadays. The daily schedule may include programmes from Rádio Renascença.

Schedule: 24 hours in Portuguese

kHz	Transmitter site	kW
1530	Funchal	3

Malta

Radju Malta (Radio Malta)

Radju Malta is the main radio service of Public Broadcasting Services. It broadcasts cultural and current affairs programmes putting a strong focus on news. Classical music and classic hits form an integral part of its daily schedule.

Schedule: 24 hours in Maltese (and some English)

kHz	Transmitter site	kW
999	Bizbizja	5

Moldova

Teleradio-Moldova

TeleRadio-Moldova (TRM) is the Moldovan state-owned national radio and television broadcaster. It owns two television channels and three radio stations.

Radio Moldova

Radio Moldova is the First Programme of Teleradio-Moldova. Programmes on mediumwave are mainly in Romanian, with limited content in Russian and minority languages.

Schedule: 0355-2000 in Romanian and minority languages

kHz	Transmitter site	kW
873	Codru, Chisinau (for central Moldova)	50
1494	Edinet (for northern Moldova)	20
1494	Cahul (for southern Moldova)	20

Some highlights from the RM schedule (as per website with times adjusted to UTC):

<i>Time/UTC</i>	<i>Days</i>	<i>Highlight</i>
0355-0400	Daily	Anthem of the Republic of Moldova
0800-0805	Sat/Sun	News & weather in Russian
0800-0810	Mon-Fri	News & weather in Russian
1200-1205	Sat/Sun	News & weather in Russian
1300-1310	Mon-Fri	News & weather in Russian
1500-1510	Daily	News & weather in Russian
1510-1515	Wed	"Five Minutes of Security" in Russian
1735-1800	Wed	Summary of the Week in Russian
1800-1810	Daily	News & weather in Russian
1810-1840	Sat	Programme from RFE/RL in Romanian ("Essentially")
	Sun	Programme from RFE/RL in Romanian ("Beyond the News")
1810-1855	Mon	Programme in Gagauz ("Bugeacului Wave")
	Tue	Programme in Russian ("Bridge")
	Wed	Programme in Romani ("Voice of the Roma")
	Thu	Programme in Ukrainian ("Revival")
	Fri	Programme in Bulgarian ("Radiomaidan")

Pridnestrovian Moldavian Republic

The self-proclaimed Pridnestrovian Moldavian Republic is an unrecognised state which controls part of the geographical region of Transnistria (the area between the Dniester river and Ukraine) and also the city of Bender and its surrounding localities on the west bank. This area was part of the former Moldavian SSR, and since the dissolution of the USSR has been claimed by the Republic of Moldova as the Administrative-Territorial Units of the Left Bank of the Dniester. The region is considered by the UN to be part of Moldova.

Pridnestrovsky Radioteletsentr - Maiac

The Grigoriopol transmitter, officially the Transnistrian Radio and Television Center, is a very large broadcasting facility situated near Maiac, an urban settlement 11 km (7 miles) northeast of Grigoriopol, Transnistria (Moldova). At the end of the 1960s, the Soviet Union began building a powerful radio broadcasting station for propaganda to Western countries in Grigoriopol. Construction work on this facility, which included both mediumwave and shortwave transmitters, took place between 1968 and 1975. The de facto Transnistrian authorities sold the facility to the Russian state media company RIA Novosti in 2007.

Radio 1 Plyus

Radio 1 Plyus is the Second Programme of the broadcasting service in PMR and is an information and music station for older people. The schedule consists of programmes produced by Radio 1 Plyus with news and information from Radio 1.

Schedule: 1300-1618 Monday-Friday in Russian, except for Ukrainian at 1330 and Romanian at 1430.

kHz	Transmitter site	kW
621	Pridnestrovskiy Radioteletsentr, Grigoriopol	150

International broadcasting from PMR

Radio Rossii

Radio Rossii is the primary public radio station in Russia. It is part of the state-owned unitary enterprise All-Russia State Television and Radio Broadcasting Company. It took over the frequency of 999 kHz from TWR Europe in early April 2022.

Schedule: 1200-0100 in Russian

kHz	Transmitter site	kW
999	Pridnestrovskiy Radioteletsentr, Grigoriopol	1000

Vesti FM

Vesti FM is a news radio service belonging to All-Russia State Television and Radio Broadcasting Company.

Schedule: 1700-0700 in Russian

kHz	Transmitter site	kW
1413	Pridnestrovskiy Radioteletsentr, Grigoriopol	500

Netherlands

The Dutch public broadcasting system is a set of organisations that together take care of public service television and radio broadcasting in the Netherlands. It is composed of a foundation called Nederlandse Publieke Omroep (NPO), which acts as its governing body, and a number of public broadcasters. The Dutch Media Act 2008 regulates how air time is divided and puts the administration of the public broadcasting system in the hands of the Board of Directors of NPO. In addition to the national broadcasters, there are also regional broadcasters and local broadcasters in the Netherlands.

Vahon Hindustani Radio

Vahon Hindustani Radio is a Surinamese-Hindustani radio station broadcasting from The Hague.

Schedule: 24 hours in Hindi and Dutch

kHz	Transmitter site	kW
1566	Den Haag, ZH	0.063

Dutch low-power mediumwave stations

With the cessation of NPO Radio 5's broadcasts on 747 kHz and 1251 kHz in late 2015, the Dutch government opened a public consultation on opening up the medium waveband for low powered broadcasting. In May 2016, it was formally announced that 747, 828, 1035, 1251, and 1395 kHz (previously used by full-power stations) would have a maximum transmission power of 100 watts, while 1485 kHz would have a maximum transmission power of 1 watt. Other frequencies have since been added.

kHz	kW	Station	Location	Notes	
675	0.1	Radio Calypso	Oostwold GR		
	0.1	Trend Radio	Leiderdorp ZH		
	0.1	Twents Gejengel	Westerhaar OV		
	0.1	Unique Gold	Wijchen GD		
747	0.1	Cupra Radio	Emmer-Compascuum DR		
	0.1	Impact AM	Wassenaar ZH		
	0.1	Radio 4 Brainport	Eindhoven NB		
	0.1	Radio Emmeloord	Pietersbierum FR	0700-1900 local time	
801	0.1	Radio Jong Europa	Pietersbierum FR	1900-0700 local time	
	0.1	Radio 7000	Alphen aan den Rijn ZH		
819	0.1	Radio Denakker	Beilen DR		
	0.1	Studio Denakker	Klazienaveen DR		
828	0.1	Zanussi en Hercules	Mastenbroek OV		
	0.1	Ellen AM	Hensbroek NH		
846	0.1	Radio Paradijs	Utrecht UT		
	0.05	Radio Actief AM	Tilburg NB		
	0.1	MCB Radio	Alphen aan den Rijn ZH		
	0.1	MCB Radio	Den Oever NH		
	0.1	MCB Radio	Uden NB		
891	0.1	MCB Radio	Yerseke ZL		
	0.1	Radio Mebo 2	Westerlee GR		
	0.1	Radio Nostalgie	Kollumerzwaag FR		
	0.1	Veluws Genot	Oldebroek GD		
	0.1	KBC Radio	Huissen GD	0400-2200	
	900	0.1	Stem van Drenthe	Hoogeveen DD	Saturdays
		0.1	Theonex AM	Hoogeveen DR	Sundays
0.1		Studio AM 900	Terneuzen ZL		
0.1		Studio AM 900	Wassenaar ZH		

918	0.1	Citrus AM	Emst GD	
	0.1	Citrus AM	Oldenzaal OV	
	0.1	Radio T-Pot	Gasselternijveen DR	
	0.1	Radio T-Pot	Grou FR	
	0.1	Sitara FM	Houten UT	
1008	0.1	Radio Transparant	Creil FL	
	0.1	Radio Twente Gold	Hengelo OV	
	0.1	Radio Babylona	Lauwersoog GR	
	0.1	Radio Babylona	Musselkanaal GR	
	0.1	Radio Experience	Wageningen GD	
1035	0.1	Neverland AM	Venlo LB	
1098	0.1	Radio Seabreeze	Laren NH	
	0.1	Master FM	Nuland NB	
	0.1	Milano Team	Punthorst OV	
1116	0.1	Backyard AM	Zaandijk NH	
1134	0.1	Eye AM Radio	Alkmaar NH	
	0.1	Japie de Portier	Buitenpost FR	
	0.1	1134 AM	Oijen NB	
	0.1	Radio 1134	Rotterdam ZH	
	0.1	Groove Radio	Wierden OV	
	0.05	Ascona	Valthermond Dr	
1179	0.1	Radio 220	Buitenpost FR	
	0.1	Radio Revox	Aartswoud NH	
	0.1	Rivierenland Radio	Hedel NB	
	0.1	Zwarte Boer Radio	Geesteren OV	
1224	0.1	DLite 1224 AM	Coevorden DR	
	0.1	The Funk I'AM	Alkmaar NH	
	0.1	Golden Oldies Radio	Hoogvliet Rotterdam ZH	
	0.1	Radio 1224	Lunteren GD	
1287	0.1	Hotradio Hits	Bornerbroek OV	
	0.1	Unique Gold	Malden GD	
	0.1	Radio 0511	Ternaard FR	
	0.1	Kilrock	's-Gravendeel ZH	
	0.05	Radio Daiwa	Nunspeet GD	
1332	0.1	Radio Beilen AM	Beilen DR	
	0.1	De Parel van Twente	Goor OV	
	0.1	Radio Monique	Velsen Noord NH	
1395	0.1	Columbia AM	Aalst GD	
	0.1	Sterrekijker AM	Elim DR	
	0.1	Radio Seabreeze	Grou FR	
	0.1	Happy AM	Nieuw- en Sint Joosland ZL	
	0.1	Haaglanden Radio International	Voorburg ZH	
1467	0.1	Eldorado	Damwald Fr	
	0.1	Zuidwest Brabant AM	Heerle NB	
	0.1	Radio Paradijs	Utrecht Ut	
	0.1	Hit AM	Zwartemeer Dr	
	0.05	Radio de Vliegende Hollander	Meppel Dr	
1485	0.001	AMsterdam 1485	Amsterdam NH	
	0.001	Downtown Radio AM	Apeldoorn GD	
	0.001	Bladel-AM	Bladel NB	
	0.001	Spaghetti International Radio	Blaricum NH	
	0.001	Atlantica AM	Dordrecht ZH	
	0.001	Radio de Zwarte Hond	Drachten FR	
	0.001	Vader en Zoon Combinatie Elim	Elim DR	
	0.001	Radio Nomen Nescio	Goes ZL	
	0.001	Radio Jupiter AM	Groningen GR	Monday-Saturday
	0.001	TalentCast	Groningen GR	Sunday
	0.001	Radio Impuls	Haulerwijk FR	
	0.001	Radio Elvira	Heerhugowaard NH	Monday/Thursday/Sunday
	0.001	Wijkradio	Helvoirt NB	
	0.001	Starrider AM	Heteren GD	
	0.001	Radio Las Vegas	Hoogezand GR	Sunday & irreg. during week
	0.001	Midden Groningen AM	Hoogezand GR	Saturday & irreg. during week
	0.001	Radio Kesteren	Kesteren Gld	
	0.001	TIQS Radio	Leiden ZH	
	0.001	Zwarte Panter Radio	Oldenzaal Ov	
	0.001	Havenstad Radio	Rotterdam ZH	

	0.001	Radio Zebra	Schiedam ZH
	0.001	Radio Loosduinen	's-Gravenhage ZH
	0.001	Radio Oome Ko	Steenwijk Ov
	0.001	Vintage Music Radio	Vlissingen Zld
	0.001	Radio 182	Waddinxveen ZH
	0.001	Hollands Palet	Zoetermeer ZH
	0.001	Regio AM	Zwartemeer Dr
1584	0.1	JINX Radio	Utrecht Ut
1602	0.1	Radio Flandria	Hemelum Fr
	0.05	Radio Podenco	Warfum Gr



This list was updated with reference to the "LPAM License Holders Overview" by "Dutch Ham Radio Amateur PE9MJ" at <https://babylona.home.xs4all.nl/pe9mj/indexLPAM.htm>.

North Macedonia

Makedonska Radio Televizija (MRT)

MRT is the public broadcasting organisation of the Republic of North Macedonia. Radio Skopje is the First Programme of MRT. It had operated on 810 kHz but the 100 kW transmitter at Skopje, Sveti Nikole, is now inactive. Radio Makedonija, the International Service of MRT, had also broadcast on 810 kHz during the evenings to neighbouring countries in the Balkans and South-East Europe.

Norway

NRK P1

NRK (an abbreviation of the Norwegian: Norsk rikskringkasting AS), is the Norwegian government-owned radio and television public broadcasting company. NRK P1 is broadcast on mediumwave for listeners in Svalbard.

Schedule: 24 hours in Norwegian

kHz	Transmitter site	kW
1485	Longyearbyen, Svalbard	1

LKB/LLK Bergen Kringkaster (Bergen Broadcasting Station)

LKB/LLK Bergen Kringkaster is a museum/heritage radio station at Erdal that is operated by a group of enthusiasts. As well as its own programmes, it also airs Radio Northern star, a classic rock and pop radio station operated by Northern Star Media Services AS.

Further details: <https://www.facebook.com/groups/bergenkringkaster/>

Schedule (subject to confirmation):

kHz	Transmitter site	kW	Schedule
1314	Erdal, Vestland, Western Norway	0.4	0430-0900 Radio Northern Star 0900-1600 Bergen Kringkaster 1600-2300 Radio Northern Star
1611	Erdal, Vestland, Western Norway	0.4	unconfirmed

Poland

Polskie Radio

Polskie Radio is Poland's national public-service radio broadcasting organisation owned by the government of Poland. There are no domestic broadcasts by PR on mediumwave, only on longwave 225 kHz (see Longwave Guide for details).

Twoje Radio

The producer of the Twoje Radio programme is Twoje Radio sp. z o. o. with its registered office in Stargard. The broadcaster offers media services including the distribution of a radio programme under the name Twoje Radio and maintaining an internet portal on the website www.twojeradio.fm, which is the broadcaster's website.

Schedule: 24 hours in Polish

kHz	Station	Transmitter site	kW
963	Twoje Radio Lipsko	Lipsko	0.1
1584	Twoje Radio Andrychów	Andrychów	0.8

External broadcasting

Radio Poland

Radio Poland is a part of Poland's public radio network. Its aim is to broadcast programmes on developments in Poland, providing objective and impartial information about Poland and its stance on international affairs. Whilst Radio Poland no longer broadcasts from transmitters in Poland, they do hire airtime on Radio Baltic Waves International in Lithuania.

kHz	Transmitter site	kW
1386	Viešintos, Lithuania	75

Time/UTC	Days	Language
0400-0500	Daily	Belarusian
0500-0530	Daily	Ukrainian
1300-1400	Daily	English
1600-1630	Daily	Russian
1630-1700	Daily	Polish
1700-1730	Daily	German



Portugal

RTP

Rádio e Televisão de Portugal[a] (RTP) is the public service broadcasting organisation of Portugal. It operates four national television channels and three national radio stations, as well as several satellite and cable offerings. The current company dates from 2007, with the merger of two previously separate companies Radiodifusão Portuguesa (RDP; the radio broadcaster) and Radiotelevisão Portuguesa (television broadcaster).

Antena 1

Antena 1 is one of the three national radio channels produced by RTP and has a general programming policy focusing mainly on news, current affairs and sport, as well as the discussion of contemporary social issues, with the musical accent on Portuguese popular music. It operates on mediumwave as listed below.

Schedule: 24 hours in Portuguese

kHz	Transmitter sites	kW
630	Miranda do Douro, Norte Region	2
	Montemor-o-Velho, Centro Region	10
666	Bragança, Norte Region	2
	Castanheira do Ribatejo, Lisboa Region	10
	Covilhã, Centro Region	10
	Valença, Norte Region	10
	Vila Real, Norte Region	10
	Viseu, Centro Region	10
	720	Castelo Branco, Centro Region
720	Elvas, Alentejo Region	10
	Guarda, Centro Region	10
	Mirandela, Norte Region	10
1287	Portalegre, Alentejo Region	2

Rádio Renascença

Rádio Renascença is a private, commercial radio station in Portugal, owned by various organizations within the Portuguese Catholic Church: among others, the Patriarchate of Lisbon. Renascença owns another three stations, including Rádio Sim that previously broadcast on RR's current mediumwave channels.

Schedule: 24 hours in Portuguese

kHz	Transmitter sites	kW
891	Vilamoura, Algarve Region	2.5
963	Seixal, Lisboa Region	1
981	Coimbra, Centro Region	3
1251	Chaves, Norte Region	1
	Castelo Branco, Centro Region	1

Romania

Societatea Română de Radiodifuziune

Societatea Română de Radiodifuziune (SRR, the Romanian Broadcasting Society), informally referred to as Radio România, is an autonomous public broadcasting service of national interest, with attributions of information, education and entertainment, editorially independent, which carries out its activity under the control of Parliament, under the conditions of Law no. 41 of July 17, 1994 (republished and updated) and in accordance with the international conventions to which Romania is a party. SRR's two national stations on MW are Radio România Actualități and Antena Satelor.

Radio România Actualități

Radio România Actualități (RRA; English: Radio Romania News) is a public radio station, providing information of national interest, which reflects daily events, both domestic and international. It focuses on the infotainment format, which combines music (from the last 4 decades) with news. Radio Romania Actualități is the only station in Romania with national coverage of over 99% of the country's territory.

Schedule: 24 hours in Romanian

kHz	Transmitter site	kW	kHz	Transmitter site	kW
531	Petroșani	15	909	Timișoara	50
558	Târgu Jiu	400	909	Timișoara	50
567	Brașov (Bod)	50	945	Miercurea Ciuc	15
	Satu Mare	50	1152	Cluj (Jucu)	400
603	Botoșani	50	1179	Bacău (Galbeni)	400
	Oradea	50		Resița (Vascau)	10
711	Sighetu Marmăției	50	1332	Galati	50
720	Baia Mare	10	1404	Sibiu	15
	Nufarul	15	1422	Olanesti	10
	Sinaia	15	1458	Constanța (Valul lui Traian)	50
756	Lugoj (Boldur)	400	1530	Radauti	15
855	Bucharest (Tâncăbesti)	400	1593	Ioan Corvin	15

Radio România Antena Satelor

Radio România Antena Satelor (AAS; English: Radio Romania Village Antenna) is the third radio station of the Romanian Broadcasting Society (SRR), founded on December 25, 1991. It is broadcast exclusively to the rural environment by debating the real problems of the Romanian village. It is known to be the only radio station of its kind in Europe.

kHz	Transmitter site	kW	
531	Urziceni	15	
603	Bucharest (Herastrau)	30	includes programmes in minority languages - see below
630	Voinesti	50	
1314	Constanța (Valul lui Traian)	50	
	Timișoara	25	includes programmes in minority languages - see below

Schedule: 0255-2000 in Romanian (except for minority languages as indicated below)

Alex Miatlikov says there is a Hydrological bulletin in French, Russian and Romanian at approximately 1005-1015 daily.

Minority language programmes on 603 kHz (Bucharest) and 1314 kHz (Timișoara)

0800-0820	Sun	Bukaresti Rádió in Hungarian
0820-0830	Sun	Radio Bukarest in German
1200-1300	Mon-Sat	Radio Bukarest in German
1300-1400	Mon-Sat	Bukaresti Rádió in Hungarian

Radio România Regional

Radio România Regional is the public radio network subordinate to the Societatea Română de Radiodifuziune, which controls the regional studios: Radio Cluj, Radio Oltenia Craiova, Radio Iași, Radio Timișoara, Radio Constanța, Radio Târgu Mureș and local ones: Radio Reșița, Radio Bucharest FM, Radio Sighet, Radio Arad FM, Radio Antena Sibiului, Radio Vacanța, Radio Chisinau and Radio România Brașov FM. The following operate on mediumwave:



Radio Cluj

Radio Cluj (Hungarian: Kolozsvári Rádió) is a regional station and part of the Societatea Română de Radiodifuziune (SRR). Cluj-Napoca, or simply Cluj (Hungarian: Kolozsvár), is the second-most populous city in Romania and the seat of Cluj County in the northwestern part of the country. Almost 50,000 Hungarians live in Clu. The city is home to the second-largest urban Hungarian community in Romania, after Târgu Mureș.

kHz	Transmitter site	kW
909	Cluj (Juca)	200
1593	Oradea	15
1593	Sibiu	10

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>	<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0400-0600	Daily	Radio Cluj in Romanian	0830-1200	Daily	Radio Cluj in Romanian
0600-0800	Mon-Sat	Kolozsvári Rádió in Hungarian	1200-1300	Mon-Sat	Radio Bukarest in German
0600-0800	Sun	Radio Cluj in Romanian	1200-1600	Sun	Kolozsvári Rádió in Hungarian
0800-0820	Sun	Bukaresti Rádió in Hungarian	1300-1400	Mon-Sat	Bukaresti Rádió in Hungarian
0800-0830	Mon-Sat	Radio Cluj in Romanian	1400-1600	Mon-Sat	Kolozsvári Rádió in Hungarian
0820-0830	Sun	Radio Bukarest in German	1600-2000	Daily	Radio Cluj in Romanian

Radio Constanța

Radio Constanța is a regional station and part of the Societatea Română de Radiodifuziune (SRR). The Second Programme of Radio Constanța is broadcast on mediumwave. Constanța is the country's fourth largest city and principal port on the Black Sea coast. The majority of the population are Romanians. There are important communities of Turks and Tatars, remnants of the time of Ottoman rule. Currently the region is the centre of the Muslim minority in Romania. A great number of Aromanians have migrated to Dobruja, the region that includes Constanța, in the last century, and they consider themselves a cultural minority rather than an ethnic minority. There are also Romani.

kHz	Transmitter site	kW
909	Constanța (Valul lui Traian)	25
1530	Nufarul	15

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0400-2000	Daily	Radio Constanța in Romanian
1900-2000	Mon	Greek
1900-2000	Tue	Turkish
1900-2000	Wed	Russian - programme not currently being produced - see below
1900-2000	Thu	Tatar
1900-2000	Fri	Armenian
1900-2000	Sat	Roma
1900-2000	Sun	Aromanian

Alex Miatlikov confirms that the programme in Russian was discontinued during 2023. Here is the message Alex received from Radio Constanta: "Our program in Russian language for the Lipovens is now suspended, until this ethnic community will organize a new team for broadcasting. For now, there isn't a person or a team who can present this program" (Alex Miatlikov, 4 January 2024)

Radio Iași

Radio Iași is a regional station and part of the Societatea Română de Radiodifuziune (SRR). Radio Iași AM is the service that is broadcast on mediumwave. Iași is the third largest city in Romania. Located in the historical region of Moldavia, it has traditionally been one of the leading centres of Romanian social, cultural, academic and artistic life.

kHz	Transmitter site	kW
1053	Iași (Uricani)	400

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0400-1830	Daily	Radio Iași AM in Romanian
1830-1900	Mon	Cultural programme for Roma
1830-1900	Tue	Cultural programme for Jews
1830-1900	Wed	Cultural programme for Lipovian Russians
1830-1900	Thu	Cultural programme for Ukrainians
1830-1900	Fri	Cultural programme: Intercultural dialogue
1830-1900	Sat/Sun	Radio Iași AM in Romanian
1900-2000	Daily	Radio Iași AM in Romanian

Radio Oltenia Craiova

Radio Oltenia Craiova is a regional station and part of the Societatea Română de Radiodifuziune (SRR). Oltenia is part of the Sud-Vest development region. Craiova is the largest city to the south west of Romania.

kHz	Transmitter site	kW
603	Drobeta-Turnu Severin	15
1314	Craiova	15

Schedule: 24 hours in Romanian.

Radio Sighet

Radio Sighet is a local service and part of the regional station, Radio Cluj. The studio is in Sighetu Marmăției, situated along the Tisa river on the border with Ukraine, across from the Ukrainian town of Soltvyno. At the 2021 census, Sighetu Marmăției had a population of 32,793. At the 2011 census, the city had 37,640 inhabitants; of those, 82.2% were Romanians, 13% Hungarians, 2.3% Ukrainians, and Roma.

kHz	Transmitter site	kW
1404	Sighetu Marmăției	50

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0400-0600	Mon-Fri	Radio Sighet in Romanian (local programme)
0400-0600	Sat/Sun	Radio Cluj in Romanian
0600-0800	Mon-Sat	Kolozsvári Rádió in Hungarian
0600-0800	Sun	Radio Cluj in Romanian
0800-0900	Daily	Radio Cluj in Romanian
0900-1300	Mon-Fri	Radio Sighet in Romanian (local programme)

0900-1200	Sat/Sun	Radio Cluj in Romanian
1200-1300	Sat	Radio Cluj in Romanian
1200-1600	Sun	Kolozsvári Rádió in Hungarian
1300-1320	Mon-Fri	Radio Sighet in Romanian (local programme)
1300-1600	Sat	Kolozsvári Rádió in Hungarian
1320-1340	Mon-Fri	Radio Sighet in Ukrainian (local programme)
1340-1400	Mon-Fri	Radio Sighet in Hungarian (local programme)
1400-1600	Mon-Fri	Kolozsvári Rádió in Hungarian
1600-2000	Daily	Radio Cluj in Romanian

Radio Târgu Mureş

Radio Târgu Mureş is a regional station and part of the Societatea Română de Radiodifuziune (SRR). Târgu Mureş (Hungarian: Marosvásárhely; German: Neumarkt am Mieresch) is the seat of Mureş County in the historical region of Transylvania. It lies on the Mureş River, the second longest river in Romania (after the Danube).

kHz	Transmitter site	kW
1197	Brasov (Bod)	15
1323	Târgu Mureş	15
1593	Miercurea Ciuc	15

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0400-0600	Daily	Radio Târgu Mureş in Romanian
0600-0900	Sat	Marosvásárhely Rádió in Hungarian
0800-0820	Sun	Bukaresti Rádió in Hungarian
0800-0900	Mon-Fri	Radio Târgu Mureş in Romanian
0820-0830	Sun	Radio Bukarest in German
0830-1600	Sun	Marosvásárhely Rádió in Hungarian
0900-1200	Mon-Fri	Marosvásárhely Rádió in Hungarian
0900-1200	Sat	Radio Târgu Mureş in Romanian
1200-1300	Mon-Sat	Radio Bukarest in German
1300-1400	Mon-Sat	Bukaresti Rádió in Hungarian
1400-1600	Mon-Sat	Marosvásárhely Rádió in Hungarian
1600-1900	Daily	Radio Târgu Mureş in Romanian
1900-2000	Mon-Sat	Radio Neumarkt in German
1900-2000	Sun	Radio Târgu Mureş in Romanian

Radio Timișoara

Radio Timișoara is a regional station and part of the Societatea Română de Radiodifuziune (SRR). Timișoara is the capital city of Timiș County, Banat, and the main economic, social and cultural centre in Western Romania. 85% of the inhabitants are Romanians, while the minorities are much more diverse nowadays due to the presence of Asians, Italians, Muslims, and less Germans and Hungarians. Yet, in Timișoara live most Germans in Romania as share in the population of a city. Timișoara is also home to an important Serb community. Many of them use Serbian as a second language, preferring Romanian. Serbian is more common among older generations educated in it. It is Radio Timișoara's Programme 2 that is broadcast on mediumwave.

kHz	Transmitter site	kW
630	Ortisoara, Vest	400

Schedule:

<i>Time/UTC</i>	<i>Days</i>	<i>Programme</i>
0100-1100	Daily	Radio Timișoara in Romanian
1100-1200	Daily	Radio Temeswar in German
1200-1300	Daily	Rádió Temesvár in Hungarian
1300-1400	Daily	Radio Temišvar in Serbian
1400-1900	Mon-Sat	Radio Timișoara in Romanian
1400-1430	Sun	Radio Timișoara in Romanian
1430-1500	Sun	Rádio Temešvár in Czech
1500-1600	Sun	Rádio Temešvár in Slovak
1600-1700	Sun	Radio Timishoara in Ukrainian
1700-1800	Sun	Radio Timishoara in Bulgarian
1800-1900	Sun	Radio Timișoara in Romani
1900-0100	Daily	Radio Timișoara in Romanian

Private radio stations in Romania

The first private radio stations appeared in 1990; there are now more than 100 of them. Private FM stations dominate the market in Romania, with hundreds of licenses from the National Broadcasting Council. However, on mediumwave there are currently just two stations on air: Radio Vocea Sperantei and ALT FM, both with Christian programming.

Radio Vocea Sperantei

Radio Vocea Sperantei is the official radio of the Seventh-day Adventist Church in Romania and is part of the world network Adventist World Radio.

Schedule: 24 hours in Romanian

kHz	Transmitter site	kW
1485	Botosani	1
	Medias	1
	Oradea	1
1584	Iasi	1
	Sighetu Marmatiei	1
	Tecuci	1
	Vatra Dornei	1
1602	Piatra Neamt	1

ALT FM

ALT FM is an interdenominational, educational, interethnic and intercultural Christian radio station.

Schedule: 24 hours in Romanian

kHz	Transmitter site	kW
1584	Timisoara	1
1602	Arad	1

Frequency order list of all mediumwave radio stations in Romania

For convenience here is a list of all Romanian stations in frequency order

kHz	Station	Transmitter location	kW
531	SRR Radio România Actualități	Petrosani	15
	SRR Antena Satelor	Urziceni	15
558	SRR Radio România Actualități	Târgu Jiu	400
567	SRR Radio România Actualități	Brasov (Bod)	50
	SRR Radio România Actualități	Satu Mare	50
603	SRR Radio România Actualități	Botosani	50
	SRR Radio România Actualități	Oradea	50
	SRR Antena Satelor	Bucharest (Herastrau)	30
	SRR Radio Oltenia Craiova	Drobeta-Turnu Severin	15
630	SRR Radio Timișoara (Prgr 2)	Timișoara (Ortisoara)	400
	SRR Antena Satelor	Voinesti	50
711	SRR Radio România Actualități	Sighetu Marmatiei	50
720	SRR Radio România Actualități	Baia Mare	10
	SRR Radio România Actualități	Nufarul	15
	SRR Radio România Actualități	Sinaia	15
756	SRR Radio România Actualități	Lugoj (Boldur)	400
855	SRR Radio România Actualități	Bucharest (Tâncăbesti)	400
909	SRR Radio România Cluj	Cluj (Juca)	200
	SRR Radio România Actualități	Timișoara	50
	SRR Radio Constanța AM (P2)	Constanța (Valul lui Traian)	25
945	SRR Radio România Actualități	Miercurea Ciuc	15
1053	SRR Radio Iași AM (Prgr 2)	Iasi (Uricani)	400
1152	SRR Radio România Actualități	Cluj (Jucu)	400
1179	SRR Radio România Actualități	Bacau (Galbeni)	400
	SRR Radio România Actualități	Resita (Vascau)	10
1197	SRR Radio Târgu Mureș	Brasov (Bod)	15
1314	SRR Antena Satelor	Constanța (Valul lui Traian)	50
	SRR Antena Satelor	Timișoara	25
	SRR Radio Oltenia Craiova	Craiova	15
1323	SRR Radio Târgu Mureș	Târgu Mureș	15
1332	SRR Radio România Actualități	Galati	50
1404	SRR Radio Sighet	Sighetu Marmatiei	50
	SRR Radio România Actualități	Sibiu	15
1422	SRR Radio România Actualități	Olanesti	10
1458	SRR Radio România Actualități	Constanța (Valul lui Traian)	50
1485	Radio Vocea Sperantei	Botosani	1
	Radio Vocea Sperantei	Medias	1
	Radio Vocea Sperantei	Oradea	1
1530	SRR Radio Constanța AM (P2)	Constanța (Valul lui Traian)	25
	SRR Radio Constanța AM (P2)	Nufarul	15
	SRR Radio România Actualități	Radauti	15

1584	Radio Vocea Sperantei	Iasi	1
	Radio Vocea Sperantei	Sighetu Marmatiei	1
	Radio Vocea Sperantei	Tecuci	1
	Radio Vocea Sperantei	Vatra Dornei	1
	ALT FM	Timisoara	1
1593	SRR Radio Romania Actualitati	Ioan Corvin	15
	SRR Radio Targu Mures	Miercurea Ciuc	15
	SRR Radio Cluj	Oradea	15
	SRR Radio Cluj	Sibiu	10
1602	Radio Vocea Sperantei	Piatra Neamt	1
	ALT FM	Arad	1

Russia

Vserossiyskaya Gosudarstvennaya Televizionnaya i Radioveshchatelnaya Kompaniya (VGTRK)

VGTRK (English: The All-Russia State Television and Radio Broadcasting Company, a.k.a Russia Television and Radio) is the state-owned broadcaster which operates many television and radio channels in 53 of Russia's languages.

Radio Rossii

Radio Rossii is the primary public radio station in Russia. It is part of the state-owned unitary enterprise All-Russia State Television and Radio Broadcasting Company (VGTRK), which also includes television channels Russia-1, Russia-2, Russia-24, Carousel, and Russia-K, as well as radio stations Yunost, Mayak, Kultura and Vesti FM. It took over the frequency of 999 kHz from TWR Europe from the Pridnestrovskiy Radioteletsentr, Grigoriopol in early April 2022.

Schedule: 1200-0100 in Russian

kHz	Transmitter site	kW
999	Pridnestrovskiy Radioteletsentr, Grigoriopol, Moldova (PMR)	1000

also with irregular tests from Russia:

549	Bolshakovo, Kaliningrad	600
1143	Bolshakovo, Kaliningrad	150
1215	Bolshakovo, Kaliningrad	75

Vesti FM

Vesti FM is an all-news format radio station that is owned by the All-Russia State Television and Radio Broadcasting Company (VGTRK). It started broadcasting in February 2008 and can be heard on FM in many Russia towns and cities. It also currently broadcasts on MW 1413 kHz for listeners in Eastern Europe.

Schedule: 1700-0700 in Russian

kHz	Transmitter site	kW
1413	Pridnestrovskiy Radioteletsentr, Grigoriopol, Moldova (PMR)	500

Radio Mariya

Radio Mariya, formally known as The World Family of Radio Maria, is an international Catholic radio broadcasting service.

Schedule: 0500-2100 in Russian

kHz	Transmitter site	kW
1053	Olgino, St Petersburg	10

Radio Radonezh

Radio Radonezh is a Moscow-based Orthodox radio station that has been broadcasting since 1991. It operates from the Olgino transmitter site in St Petersburg on MW 684 kHz (10 kW)

Schedule: 1600-2100 in Russian

kHz	Transmitter site	kW
684	Olgino, St Petersburg	10

Radiostancija Zelenyj Glaz

Radiostancija Zelenyj Glaz (Radio Channel "Green Eye") resumed broadcasting on 23 November 2024.

kHz	Transmitter site	Note
1485	Dorkovskaya, Vologda region	Inactive until 7-15 March 2025, after which it will be off again.

Vostok Rossii (East of Russia)

Although not in the European part of Russia, there is one other radio station on mediumwave in the Far East: Vostok Rossii broadcasts information, news, talk, and rock music. Transmitter sites are at Komsomolsk-na-Amure (20 kW), Khabarovsk (20 kW) and several other locations (5 kW or less), all operating on 765 kHz

Schedule: 24 hours in Russian

kHz	Transmitter sites	kW
765	Several locations in Far East Russia	20 max.

Radio Chistaya Volna

Radio Chistaya Volna is an "on-air radio station created by radio lovers on a voluntary basis with personal funds". Radio Chistaya Volna ("Radio Clean Wave") was conceived as an independent project, the purpose of which is the development and promotion of a healthy lifestyle, cultural values and spiritual development of the individual for the peoples living in the territory of the Russian Federation. Programming is produced by the Trans World Radio studio in Krasnoyarsk (Siberia). It operateD from Belorechensk, Krasnodar Krai on 1584 kHz (0.3 kW) but is currently inactive.

Serbia

Radio-Televizija Srbije

Radio-Televizija Srbije (RTS) is the public broadcaster in Serbia. RTS operates four radio stations, under the name Radio Belgrade.

Radio Beograd 1

Radio Belgrade 1 is the flagship channel which provides comprehensive news and current affairs programmes to the public as well as entertainment and culture shows. The transmitter on 1602 kHz is the last remaining official radio station on mediumwave in Serbia.

Schedule: 24 hours in Serbian

kHz	Transmitter site	kW
1602	Sjenica, South-West Serbia	0.5

Slovakia

Rozhlas a Televízia Slovenska

Rozhlas a Televízia Slovenska (RTVS) is the state-owned public broadcasting organisation in Slovakia. It operates four national radio channels.

SRo5: Rádio Patria / SRo3: Rádio Devín

Rádio Devín and Rádio Patria are the third and fifth channels of RTVS. On 31 December 2022, the two mediumwave transmitters that they shared were closed - Kosice 702 kHz (5 kW) and Nitra (Jarok) 1098 kHz (25 kW), bringing to an end mediumwave broadcasting in Slovakia.

Slovenia

Radiotelevizija Slovenija

RTV Slovenija is the national public broadcasting organisation of Slovenia. RTV Slovenija's national radio services operate under the name Radio Slovenija. There are three national and four regional radio services.

Radio Slovenija 1

Radio Slovenija 1 "Prvi program" is a traditional general service carrying news and news reports, a variety of specialised broadcasts, and a wide range of music. It can be heard overnight on 549 and 558 kHz, transmitters which otherwise broadcast Radio Koper and Muravidéki Magyar Rádió respectively during the day (see below).

Schedule: Overnight as specified

kHz	Transmitter site	kW	Overnight schedule
549	Beli Križ	15	2200-0400 in Slovenian
558	Nemčavci	15	2300-0445 in Slovenian

Radio Koper

Radio Koper-Capodistria is a regional radio station of Radiotelevizija Slovenija located in the city of Koper. Radio Koper is in Slovenian on 549 kHz, whilst Radio Capodistria is in Italian on 1170 kHz.

Schedule: 0400-2200 in Slovenian

kHz	Transmitter site	kW
549	Beli Križ	15

Radio Capodistria

Radio Capodistria is a regional radio station of Radiotelevizija Slovenija located in the city of Koper. Radio Capodistria can be heard with good reception in its primary target area of Slovenia, Croatia and Northern Italy, as well as across much of Europe at night.

Schedule: 24 hours in Italian

kHz	Transmitter site	kW
1170	Beli Križ	15

Muravidéki Magyar Rádió

Muravidéki Magyar Rádió broadcasts in Hungarian with Hungarian folk and mostly pop music. It is based in RTV Maribor's Lendava studio and provides a service primarily to Prekmurje, a geographically, linguistically, culturally and ethnically defined region settled by Slovenes and a Hungarian minority. It maintains certain specific linguistic, cultural and religious features that differentiate it from other Slovenian traditional regions. It broadcasts on 558 kHz during the day.

Schedule: 0445-2300 in Hungarian

kHz	Transmitter site	kW
558	Nemčavci	15

Radio Murski Val

Radio Murski val is a radio station which covers the north-eastern part of Slovenia, in particular Pomurje. It broadcasts on FM and on mediumwave 648 kHz. The station is privately owned. A joint night programme of several private Slovenian radio stations is broadcast at night.

Schedule: 24 hours in Slovenian

kHz	Transmitter site	kW
648	Nemčavci	10

Spain

Radio Nacional de España (RNE)

RNE is Spain's national public radio service. RNE operates five national radio services, of which two can be heard on mediumwave, Radio Nacional (Radio 1) and Radio 5.

Radio Nacional and Radio 5 broadcast different programmes from 0730-2205 UTC from Monday to Friday, sharing the rest of the night and early morning (2205-0730). On weekends, both stations broadcast separately from 0730-2300, simulcasting from 2300-0730. From Monday to Friday both stations have provincial (local) and regional programmes, limited to only two regional slots at weekends.

RNE Radio Nacional

Radio Nacional is RTVE's principal radio station. It carries general programming principally focussed on news, current affairs, sport, and entertaining discussion of contemporary events and social issues.

Radio Nacional stations may be found on 585, 612, 621, 639, 648, 684, 693, 729, 738, 774, 801, 855, 864 & 972 kHz.

Local and regional programmes (UTC):

Monday-Friday: 0625, 0645, 0904, 1004, 1104, 1210, 1355, 1504, 1704, 1804 & 1850

Saturday/Sunday: 0805, 1230

RNE Radio 5

Radio 5 is an "all news" service, which also carries programming from Radio Nacional overnight and at other times.

Radio 5 stations may be found on 531, 558, 567, 576, 603, 657, 720, 747, 909, 936, 1017, 1098, 1107, 1125, 1152, 1305, 1314, 1413 and 1503 kHz

Local and regional programmes (UTC):

Monday-Friday: 0625, 0645, 0745, 0904, 1004, 1104, 1210, 1255, 1504, 1704, 1804 & 1850

Saturday/Sunday: 0805, 1230

Cadena SER

Cadena SER (Sociedad Española de Radiodifusión) is a Spanish radio network with a large presence on mediumwave. Cadena SER's programmes encompass news, sport, talk, entertainment and culture. The network's main studios are located on the Gran Vía in Madrid; in addition, studios across the country contribute local and regional news and information, with local programming in each location. Cadena SER is owned by Unión Radio.

SER stations may be found on 666, 792, 810, 873, 990, 1008, 1026, 1044, 1080, 1116, 1179, 1260, 1287, 1341, 1485, 1521, 1539, 1575, 1584 and 1602 kHz.

Local and regional programmes (UTC) (all one hour earlier in summer):

Monday-Friday: 0537, 0550, 0620, 0650, 0720, 0758, 0820, 0852, 0903, 0905-1600 *no details*, 1603, 1631, 1703, 1733, 1756, 1820, 2026, 2101, 2137, 2201, 2257, 2301 & 2331.

Saturday/Sunday: 0627, 0731, 0743, 0750, 0803, 0857, 0905-1700 *no details*, 2057, 2224, 2332, 0001

COPE

Cadena de Ondas Populares Españolas is a network owned by the Episcopal Conference company, "Radio Popular SA".

COPE stations may be found on 711, 783, 837, 882, 900, 999, 1053, 1134, 1143, 1215, 1224, 1269 and 1296 kHz.

Local and regional programmes, including ad blocks (UTC):

Monday-Friday: 0456, 0526, 0555, 0620, 0650, 0723, 0756, 0805, 0834, 0855, 0905, 0906-1600 *no details*, 1609, 1631, 1657, 1709, 1735, 1742, 1748, 1810, 1814, 1828, 1850, 1926, 1954, 2035, 2058, 2130, 2157, 2227, 2302, 2328 & 2352.

Saturday/Sunday: 0625, 0656, 0726, 0826, 0856, 0905-1700 *no details*, 1608, 1719, 1806, 1925, 2016, 2106, 2200 & 2315

Onda Cero Radio

Onda Cero is a national radio station with a general format. It belongs to the radio group Atresmedia Radio.

Local and regional programmes, including local ad blocks (UTC)

OCR stations may be found on 954, 1080 and 1341 kHz.

Monday-Friday: 0556, 0620, 0653, 0720, 0825, 0851, 0903, 0909, 0925, 0930-1600 no details, 1606, 1636, 1709, 1744, 1756, 1820, 1931, 2041, 2123 & 2246

Saturday/Sunday: 0530, 0728, 0827, 0841, 0915, 0930-1600 no details, 1707, 1818, 2158

Radio Popular de Bilbao

Radio Popular de Bilbao-Bolbo Herri Irratia is a radio station founded in 1960 and owned by the bishopric of Bilbao.

RPB may be found on 900 kHz.

Credit for times of local programmes on Spanish MW stations goes to Jorge Garzón for an excellent series of articles called "DXing Spanish MW" that appeared in the October 2022 to March 2023 editions of Medium Wave Circle's "Medium Wave News" magazine. Jorge explained that to avoid an excessive length of times, the local/provincial/regional spaces during the daytime, which would have limited usefulness, have been omitted

Frequency order list of all mediumwave radio stations in Spain

For convenience here is a list of all Spanish stations in frequency order

kHz	Station	Location	kW	RNE local programme/notes
531	RNE Radio 5	Pontevedra, Galicia	25	Galicia
	RNE Radio 5	Oviedo, Asturias	25	Asturias
	RNE Radio 5	Córdoba, Andalucía	10	Andalucía
	RNE Radio 5	Pamplona, Navarre	10	Navarre
540	Onda Cero Catalunya	Barcelona	50	
558	RNE Radio 5	Valencia, Comunidad Valenciana	50	Comunidad Valenciana
	RNE Radio 5	San Sebastián, País Vasco	50	País Vasco
	RNE Radio 5	La Coruña, Galicia	25	Galicia
567	RNE Radio 5	Murcia, Murcia	50	Murcia
576	RNE Radio 5	Barcelona, Catalunya	100	RNE Rádio 4
585	RNE Radio Nacional	Majadahonda, Madrid	150	Madrid
603	RNE Radio 5	Sevilla, Andalucía	50	Andalucía
	RNE Radio 5	Palencia, Castilla y León	5	Castilla y León
612	RNE Radio Nacional	Lleida, Catalunya	10	RNE Rádio 4
	RNE Radio Nacional	Vitoria-Gasteiz, Álava, País Vasco	10	País Vasco
621	RNE Radio Nacional	Palma de Mallorca, Balearic Islands	10	Islas Baleares
	RNE Radio Nacional	Ávila, Castilla y León	10	Castilla y León
639	RNE Radio Nacional	La Coruña, Galicia	100	Galicia
	RNE Radio Nacional	Zaragoza, Aragón	50	Aragón
	RNE Radio Nacional	Bilbao, País Vasco	50	País Vasco
	RNE Radio Nacional	Almería, Andalucía	25	Andalucía
	RNE Radio Nacional	Albacete, Castile-La Mancha	12	Castile-La Mancha
648	RNE Radio Nacional	Badajoz, Extremadura	10	Extremadura
657	RNE Radio 5	Majadahonda, Madrid	100	Madrid
666	SER Radio Barcelona	Barcelona, Catalunya	25	
684	RNE Radio Nacional	Sevilla, Andalucía	150	Andalucía
693	RNE Radio Nacional	Toledo, Castile-La Mancha	20	Castile-La Mancha
	RNE Radio Nacional	Boal, Asturias	20	Asturias
	RNE Radio Nacional	Tortosa, Catalunya	10	RNE Rádio 4
711	COPE Murcia	Murcia, Murcia	6	
729	RNE Radio Nacional	Oviedo, Asturias	100	Asturias
	RNE Radio Nacional	Málaga, Andalucía	100	Andalucía
	RNE Radio Nacional	Logroño, La Rioja	20	La Rioja
	RNE Radio Nacional	Valladolid, Castilla y León	20	Castilla y León
	RNE Radio Nacional	Alicante, Comunidad Valenciana	10	Comunidad Valenciana
	RNE Radio Nacional	Cuenca, Castilla-La Mancha	10	Castilla-La Mancha
738	RNE Radio Nacional	Barcelona, Catalunya	150	RNE Rádio 4
747	RNE Radio 5	Cádiz, Andalucía	5	Andalucía
774	RNE Radio Nacional	València, Comunidad Valenciana	100	Comunidad Valenciana
	RNE Radio Nacional	Cáceres, Extremadura	50	Extremadura
	RNE Radio Nacional	San Sebastián, País Vasco	50	País Vasco
	RNE Radio Nacional	Ourense, Galicia	25	Galicia
	RNE Radio Nacional	Soria, Castilla y León	12	Castilla y León
	RNE Radio Nacional	León, Castilla y León	10	Castilla y León
	RNE Radio Nacional	La Línea, Andalucía	10	Andalucía
	RNE Radio Nacional	Granada, Andalucía	10	Andalucía

783	COPE Barcelona	Barcelona, Catalunya	39	
792	SER Radio Sevilla	Sevilla, Andalucía	50	
801	RNE Radio Nacional	Lugo, Galicia	25	Galicia
	RNE Radio Nacional	Ciudad Real, Castile-La Mancha	25	Castile-La Mancha
	RNE Radio Nacional	Zamora, Castilla y León	10	Castilla y León
	RNE Radio Nacional	Burgos, Castilla y León	10	Castilla y León
	RNE Radio Nacional	Girona, Catalunya	10	RNE Rádio 4
	RNE Radio Nacional	Castellón, Comunidad Valenciana	10	Comunidad Valenciana
810	SER Radio Madrid	Madrid	50	
837	COPE Andalucía	Sevilla, Andalucía	50	
	COPE Castilla y León	Burgos, Castilla y León	5	
	COPE Galicia	Ferrol, Galicia	2	
855	RNE Radio Nacional	Murcia, Murcia	100	Murcia
	RNE Radio Nacional	Santander, Cantabria	50	Cantabria
	RNE Radio Nacional	Tarragona, Catalunya	25	RNE Rádio 4
	RNE Radio Nacional	Pontevedra, Galicia	25	Galicia
	RNE Radio Nacional	Huelva, Andalucía	10	Andalucía
	RNE Radio Nacional	Salamanca, Castilla y León	10	Castilla y León
	RNE Radio Nacional	Teruel, Aragon	10	Aragon
	RNE Radio Nacional	Ponferrada, Castilla y León	10	Castilla y León
	RNE Radio Nacional	Pamplona, Navarra	10	Navarra
864	RNE Radio Nacional	Socuellamos, Castile-La Mancha	5	Castile-La Mancha
873	SER Radio Zaragoza	Zaragoza, Aragón	25	
	SER Radio Galicia	Santiago de Compostela, Galicia	25	
882	COPE Gijón	Gijón, Asturias	5	
	COPE Málaga	Málaga, Andalucía	5	
	COPE Alicante	Alicante, Valencian	5	
900	Radio Popular	Bilbao, País Vasco	5	
	COPE Granada	Granada, Andalusia	5	
909	RNE Radio 5	Palma de Mallorca, Balearic Islands	10	Islas Baleares
936	RNE Radio 5	Zaragoza, Aragon	25	Aragon
	RNE Radio 5	Valladolid, Castilla y León	20	Castilla y León
	RNE Radio 5	Alicante, Comunidad Valenciana	10	Comunidad Valenciana
954	Onda Cero Radio	Madrid	50	
972	RNE Radio Nacional	Monforte de Lemos, Galicia	6	Galicia
	RNE Radio Nacional	Cabra, Andalucía	4	Andalucía
990	SER Radio Bilbao	Bilbao, País Vasco	25	
	SER Radio Cádiz	Cádiz, Andalucía	5	
999	COPE Madrid	Majadahonda	50	
1008	SER Radio Extremadura	Badajoz, Extremadura	10	
	SER Radio Alicante	Alicante, Valenciana	5	
1017	RNE Radio 5	Granada, Andalucía	10	Andalucia
	RNE Radio 5	Burgos, Castilla y León	10	Castilla y León
1026	SER Radio Salamanca	Salamanca, Castilla y León	10	
	SER Radio Vigo	Vigo, Galicia	5	
	SER Radio Reus	Reus, Galicia	10	
	SER Radio Asturias	Oviedo, Asturias	5	
	SER Radio Jaén	Jaén, Andalucía	5	
	SER Radio Jerez	Jerez de la Frontera, Andalucía	5	
1044	SER Radio San Sebastián	San Sebastián, País Vasco	25	
	SER Radio Valladolid	Valladolid, Castilla y León	10	
1053	COPE Zaragoza	Zaragoza, Aragón	20	
	COPE Castellón	Castellón, Valenciana	5	
1080	SER Radio Granada	Granada, Andalucía	10	
	Onda Cero Radio	Toledo, Castile-La Mancha	5	
	SER Radio Huesca	Huesca, Aragón	5	
	SER Radio La Coruña	La Coruña, Galicia	2	
1098	RNE Radio 5	Lugo, Galicia	25	Galicia
	RNE Radio 5	Almería, Andalucía	25	Andalucia
	RNE Radio 5	Ávila, Castilla y León	10	Castilla y León
	RNE Radio 5	Huelva, Andalucía	10	Andalucia
1107	RNE Radio 5	Logroño, La Rioja	25	La Rioja
	RNE Radio 5	Cáceres, Extremadura	25	Extremadura
	RNE Radio 5	Santander, Cantabria	20	Cantabria
	RNE Radio 5	Ponferrada, Castilla y León	10	Castilla y León
	RNE Radio 5	Teruel, Aragón	10	Aragón

1116	SER Radio Albacete	Albacete, Castile-La Mancha	10	
	SER Radio Pontevedra	Pontevedra, Galicia	5	
1125	RNE Radio 5	Soria, Castilla y León	12	Castilla y León
	RNE Radio 5	Toledo, Castile-La Mancha	10	Castile-La Mancha
	RNE Radio 5	Badajoz, Extremadura	10	Extremadura
	RNE Radio 5	Castellón, Comunidad Valenciana	10	Comunidad Valenciana
	RNE Radio 5	Vitoria, País Vasco	10	País Vasco
1134	COPE Salamanca	Salamanca, Castilla y León	10	
	COPE Jerez	Jerez de la Frontera, Andalucía	5	
1143	COPE Jaén	Jaén, Andalucía	5	
	COPE Orense	Ourense, Galicia	5	
1152	RNE Radio 5	Málaga, Andalucía	25	Andalucía
	RNE Radio 5	Cartagena, Murcia	12	Murcia
	RNE Radio 5	Albacete, Casila-La Mancha	12	Casila-La Mancha
	RNE Radio 5	Zamora, Castilla y León	10	Castilla y León
	RNE Radio 5	Lleida, Catalunya	10	RNE Rádio 4
1179	SER Radio Valencia	València, Valenciana	50	
	SER Radio Rioja	Logroño, La Rioja	10	
1215	COPE Córdoba	Córdoba, Andalucía	10	
	COPE León	León, Castilla y León	10	
1224	COPE Huelva	Huelva, Andalucía	10	
	COPE Mallorca	Palma de Mallorca, Balearic Islands	5	<i>currently off-air</i>
	COPE Lleida	Lleida, Catalunya	5	<i>currently off-air</i>
	COPE Almería	Almería, Andalucía	5	
	COPE Lugo	Lugo, Galicia	2	
1260	SER Radio Algeciras	Algeciras, Andalucía	5	
	SER Radio Murcia	Murcia, Murcia	1	
1269	COPE Badajoz	Badajoz, Extremadura	10	
	COPE Zamora	Zamora, Castilla y León	5	
1287	SER Radio Lugo	Lugo, Galicia	10	
	SER Radio Lleida	Lleida, Catalunya	5	
	SER Radio Castilla	Burgos, Castilla y León	5	
1296	COPE Valencia	València, Valenciana	50	
1305	RNE Radio 5	Ourense, Galicia	25	Galicia
	RNE Radio 5	Ciudad Real, Castile La-Mancha	10	Castile-La Mancha
	RNE Radio 5	León, Castilla y León	10	Castilla y León
	RNE Radio 5	Bilbao, País Vasco	10	País Vasco
1314	RNE Radio 5	Tarragona, Catalunya	25	RNE Rádio 4
	RNE Radio 5	Salamanca, Castilla y León	10	Castilla y León
	RNE Radio 5	Cuenca, Castile-La Mancha	10	Castile-La Mancha
1341	SER Radio León	León, Castilla y León	10	
	Onda Cero Radio	Ciudad Real, Castile-La Mancha	10	
	Onda Cero Radio	Almería, Andalucía	5	
1413	RNE Radio 5	Vigo, Galicia	25	Galicia
	RNE Radio 5	Girona, Catalunya	12	RNE Rádio 4
	RNE Radio 5	Jaén, Andalucía	10	Andalucía
1485	SER Radio Santander	Santander, Cantabria	10	
	SER Radio Zamora	Zamora, Castilla y León	10	
	SER Radio Alcoy	Alcoy, Valencian	5	
1503	RNE Radio 5	La Línea, Andalucía	10	Andalucía
	RNE Radio 5	Monforte de Lemos, Galicia	2	Galicia
1521	SER Radio Castellón	Castellón, Valenciana	10	
1539	SER Radio Elche	Elche, Valenciana	6	
	SER Radio Manresa	Manresa, Catalunya	5	
1575	SER Radio Córdoba	Córdoba, Andalucía	1	
1584	SER Radio Orense	Orense, Galicia	5	
	SER Radio Gandía	Gandía, Valencian	2	
1602	SER Radio Segovia	Segovia, Castile and León	5	
	SER Radio Linares	Linares, Andalusia	5	
	SER Radio Onteniente	Onteniente, Valencian	5	
	SER Radio Cartagena	Cartagena, Murcia	5	



Sweden

Sveriges Radio

SR is Sweden's national publicly funded radio broadcaster. Sveriges Radio is a public limited company, owned by an independent foundation, and funded through a licensing fee, the level of which is decided by the Swedish Riksdag. Four radio channels are available nationwide on FM and digital radio.

SBH Hörby Radioförening

SBH Hörby Radioförening is a heritage radio station run by volunteers. It uses a 5 Watt transmitter on 1179 kHz which is located at Karlsfält, the place where Hörby's first mediumwave transmitter was located between 1928 and 1937. Each year, a license is issued by the Swedish PTS for an event "Veteran Sound Day" with the latest operating between 27 August and 9 September 2023 (no event in 2024?)

Asfalttelegraf

Asfalttelegraf is a Swedish rock radio station that operates on mediumwave under a temporary license. It was last on air between 23 December 2023 to 6 January 2024 on 1494 kHz from Ludvika with 1 kW.

Switzerland

Swiss Broadcasting Corporation

The Swiss Broadcasting Corporation (SRG SSR; German: Schweizerische Radio und Fernsehgesellschaft, French: Société Suisse de Radiodiffusion et Télévision, Italian: Società Svizzera di Radiotelevisione, Romansh: Societad Svizra da Radio e Televisiun) is the Swiss public broadcasting association. There is no broadcasting on LW or MW.

C M Obrecht Shortwave Radio

"C. M. Obrecht shortwave radio" is an officially registered Swiss private radio station run by Claudius Obrecht. As well as being on shortwave there are also occasional broadcasts on mediumwave 1386 kHz from Lithuania.

Ukraine

Ukrainian Radio

Ukrainian Radio is the publicly funded radio broadcaster in Ukraine. In 2017 it was merged with the national TV company into the country's public broadcaster, Suspilne. Until the creation of the National Public Broadcasting Company of Ukraine, the National Radio Company of Ukraine was an independent company. The Ukrainian Radio Directorate of the Suspilne is a structural subdivision of the company, which integrates five broadcasting channels, the studios of Radio House and the Recording House of Ukrainian Radio, and five radio ensembles.

UR1

At present there is just one mediumwave transmitter on air in Ukraine for UR1:

kHz	Transmitter site	kW
1278	Pokrovske, Odessa Region	60

For the past several months, Ukrainian Radio has been operating with a power of 60 kW. In addition, the antenna is in critical condition. Source: lrt.lt/ua/novini/1263/2445672/radiomovlennia-v-ukrayini-iak-znishchuvali-strategichnu-informatsiinu-zbroiu-inshii-dosvid-evropi (Alex Miatlikov, 14 January 2025)

Ukrainian Radio on 1278 kHz had been off air since 20 May 2024, probably related to nationwide power outages in one way or another. It was, however, noted back on air on 20 June 2024, although with rather low modulation. Broadcasts may be irregular due to further power outages. (Alex Miatlikov, Ukraine)

Ukrainian MW transmitters on 657, 873, and 1404 kHz have been off air since 1 January 2023. According to the National Council of Television and Radio Broadcasting, Suspilne cancelled broadcasting on MW due to a lack of funding. In addition, the antenna system in Chasiv Yar (873 kHz) was damaged by shelling in December 2022.

Krym.Realii

Krym.Realii is a regional news outlet of RFE/RL's Ukrainian Service that delivers radio, TV, and online news to people living in Crimea, the Ukrainian peninsula annexed by Russia in March 2014. Following the invasion of Ukraine by Russia, the existing transmitter of Krym.Realii on MW 648 kHz (Chonhar, Ukraine - 25 kW) went off air on 24 February 2022. However, on 1 September 2023, Ukrainian Radio's 1st Channel resumed broadcasting on 1278 kHz (Pokrovske, Odesa region) and this means that RFE/RL's Krym.Realii programme is also back on MW as part of its schedule. Earlier, this programme occasionally had some episodes in Russian, but now they use voice-over translation into Ukrainian when the interviewees speak in Russian. (Alex Miatlikov, Ukraine, 2 September 2023)

Time/UTC	Days	Language	kHz	Transmitter site	kW	Target area
1238-1258	Saturday	Ukrainian	1278	Pokrovske (Odessa Region)	100	Crimea and Southern Ukraine

External broadcasting

Radio Ukraine International

Radio Ukraine International, abbreviated RUI, is the official international broadcasting station of Ukraine, with foreign language news and programming being produced in several languages by Ukrainian Radio's main editorial department (see below). The Ukrainian language programming aired on RUI is produced by the domestic First Channel. Radio Ukraine International provides listeners with up-to-date information in a format of short podcasts. Although there are currently no broadcasts on mediumwave from Ukraine itself, there is a relay over Radio Baltic Waves International in Lithuania on 1386 kHz:

Time/UTC	Days	Languages	kHz	Transmitter site	kW	Az.	Target area
2100-0330	Daily	Ukrainian (and others)	1386	RBWI, Viešintos, Lithuania	75	ND	Eastern Europe
programmes other than Ukrainian are:							
2100-2130	Daily			Romanian			
2200-2210	Monday-Thursday			Bulgarian			
2300-2310	Monday-Friday			Slovak			
0000-0010	Tuesday-Saturday			Hungarian			
0200-0210	Tuesday-Sunday			Belarusian			

Many thanks to Alex Miatlikov in Ukraine and Rihards Millers in Latvia for helping to keep this section about Ukraine on MW up-to-date with their observations and corrections.

United Kingdom

BBC World Service

The BBC World Service is an international broadcaster owned and operated by the BBC. It broadcasts radio news, speech and discussions to many parts of the world on analogue and digital shortwave platforms, internet streaming, podcasting, satellite, DAB, FM and MW relays. The current relays on MW are:

Time/UTC	Days	Language	kHz	Transmitter site	kW	Target area
0030-0100	Daily	Dari	1413	A'Seela, Oman	800	Afghanistan
0100-0230	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia, South Asia
0230-0500	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia
0600-0730	Daily	Arabic/English	639	Zakaki, Cyprus	500	North Africa/Middle East
			720	Zakaki, Cyprus	500	North Africa/Middle East
1300-1600	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia, South Asia
1300-1930	Daily	Arabic/English	639	Zakaki, Cyprus	500	North Africa/Middle East
			720	Zakaki, Cyprus	500	North Africa/Middle East
1600-1700	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia
1700-1800	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia, South Asia
1800-1900	Daily	Pashto	1413	A'Seela, Oman	800	Afghanistan
1900-2100	Daily	English	1413	A'Seela, Oman	800	Middle East, West Asia
24 hours	Daily	English	1575	Bigara, Mauritius	2	Mauritius

BBC World Service news and other programmes may also be carried by other mediumwave stations around the world at certain times of the day.

Radio Stations in the United Kingdom

Comprehensive frequency guides to radio stations in the United Kingdom on LW, MW, FM and DAB including BBC, commercial, community and low power broadcast services can be found on the website of the [British DX Club](#)

Compiled by Dave Kenny (MW & FM), Jeff Kitching (DAB) and Tony Rogers (LPAM) the links to these are:

- [UK Medium & Longwave stations](#)
- [UK VHF/FM stations](#)
- [UK DAB multiplexes](#)
- [UK Low Power AM stations](#)

Vatican City State

Vatican Radio

Vatican Radio is the official broadcasting service of the Vatican. It no longer broadcasts on mediumwave from its own transmitters, but re-broadcasts of Vatican Radio programmes may still be heard on some radio stations around the world that provide a service to Catholic communities wherever they are.

British DX Club

The British DX Club covers all aspects of broadcast DXing - from searching out distant or difficult-to-hear radio stations to listening to the major international broadcasters - on the shortwave, mediumwave and VHF/FM bands. We also have in-depth coverage of UK domestic radio developments as well as reports on alternative ways of listening to the radio such as through the internet and digital modes including DRM and DAB.

The club was founded in 1974 as the Twickenham DX Club and celebrated its 50th anniversary in 2024. From local roots came rapid expansion to become one of the major radio clubs in the United Kingdom. The more appropriate title of British DX Club was adopted in 1979. We now have a large UK-based membership as well as a substantial number of overseas members.

"Communication" is BDXC's monthly publication, typically of around 60 pages. The club is proud of the quick turnaround of "Communication" which is normally sent to members within a week of the contribution deadline each month. It is available by post as a handy A5 booklet, or by e-mail as a pdf file. Regular sections include:

- Logbooks - loggings sent in by members: Medium Wave Logbook (medium and long wave bands), Tropical Logbook (below 5.8 MHz), HF Logbook (5.8 to 30 MHz), "Beyond the Horizon" (FM and TV bands)
- DX News & Medium Wave Report: Developments in international broadcasting, frequency and transmission schedules, the exciting world of clandestine radio, listening tips, etc.
- UK News: Comprehensive roundup of UK broadcasting covering BBC, commercial and community radio, RSLs, Low Power AM stations, DAB, etc.
- Open to Discussion: BDXC's Mailbox - a forum for members to express opinions on radio-related topics.
- QSL Report: Reception confirmations received by members, plus tips on obtaining those elusive ones.
- Webwatch: a regular survey of web sites of interest to radio enthusiasts.
- Alternative Airwaves: Station logs and news about the ever-changing free radio scene.
- Broadcasts in English: A complete frequency-by-frequency guide to international broadcasts in English, in time order, including transmitter sites. Sent to members twice a year, usually in May and December, to cover the summer and winter schedule periods. It also includes a Guide to DX/Media Programmes.

For further details about the club, please visit <http://bdxc.org.uk>