

Factsheet for French DAB+ Broadcast Networks

Information to date available for DAB+ Services broadcast by TDF

- **There are two national DAB+ multiplexes (named M1 and M2) in France that have been launched in October 2021 on the Paris-Lyon-Marseille road axis. Coverage will be extended step by step to cover a large part of the road network of Metropolitan (mainland) France by the end of 2027 (national roads, motorways and cities served by this road network). Next extension on air by the end of 2023.**
- There are also **several local multiplexes - on-air or planned – all over France.** These are known as:
 - Etendu: coverage of several departments around a large city
 - Local: coverage of one conurbation
 - Intermédiaire: larger coverage around one conurbation
- **Each multiplex / ensemble consists of 13 radio services**


Arcom¹ Deployment plan: see page 5.

Manufacturers of DAB+ radio receivers can use the information provided in this factsheet to test their devices.

Béatrice LETHIELLEUX
TDF
DTT and Radio Platforms Marketing Manager

¹ ARCOM: French Audio-visual Regulator: <https://www.arcom.fr/>

DAB+ Broadcast M1

Broadcast	MFN network																	
	Multiplex Name	Arcom ID to date (on air)	Channel	EID														
	M1	N1_National_12 N1_National_13 N1_National_4 N1_National_7	7A 10B 9D 6C	F043														
SFN network for M1																		
Radio stations (13)	<table border="0"> <tr> <td>- Air Zen</td> <td>- Radio Classique</td> </tr> <tr> <td>- Chérie FM</td> <td>- Rire et Chansons</td> </tr> <tr> <td>- Fun Radio</td> <td>- RTL</td> </tr> <tr> <td>- Latina</td> <td>- RTL 2</td> </tr> <tr> <td>- M Radio</td> <td>- Skyrock</td> </tr> <tr> <td>- Nostalgie</td> <td>- Skyrock Klassiks</td> </tr> <tr> <td>- NRJ</td> <td></td> </tr> </table>				- Air Zen	- Radio Classique	- Chérie FM	- Rire et Chansons	- Fun Radio	- RTL	- Latina	- RTL 2	- M Radio	- Skyrock	- Nostalgie	- Skyrock Klassiks	- NRJ	
- Air Zen	- Radio Classique																	
- Chérie FM	- Rire et Chansons																	
- Fun Radio	- RTL																	
- Latina	- RTL 2																	
- M Radio	- Skyrock																	
- Nostalgie	- Skyrock Klassiks																	
- NRJ																		
Audio	Encoding exclusive DAB+ / AAC+ bitrates at 88 kbit/s																	
Programme Type PTY	No																	
DLS	0,5 to 1 kbit/s dynamic as integrated PAD.																	
Slideshow	Yes, per radio station 8 to 16 kbit/s dynamic as integrated PAD.																	
Station Logos	Yes: Slideshow																	
Traffic Information	No																	
Announcement (TA)	No																	
Other Ensemble Announcement (OE)	No																	
Service Information	<ul style="list-style-type: none"> Minimal signalling to display and decode is broadcasted FIG 0/0, 0/1, 0/2; 0/8, 0/9, 0/10; 0/13; 0/17; 1/0, 1/1 Service following are not broadcasted FIG 0/6 and 0/21 Other multiplex (ensemble) information is not broadcasted FIG 0/24 																	
Service Following	No specific signalling for Service Following is broadcasted as of today Implicit linking for DAB > FM continuity occurs by default when the code PI (FM) = SID (DAB).																	
Hard links	No																	
Soft links	No																	
Service Configuration	No																	
DAB+ standard EN300401																		

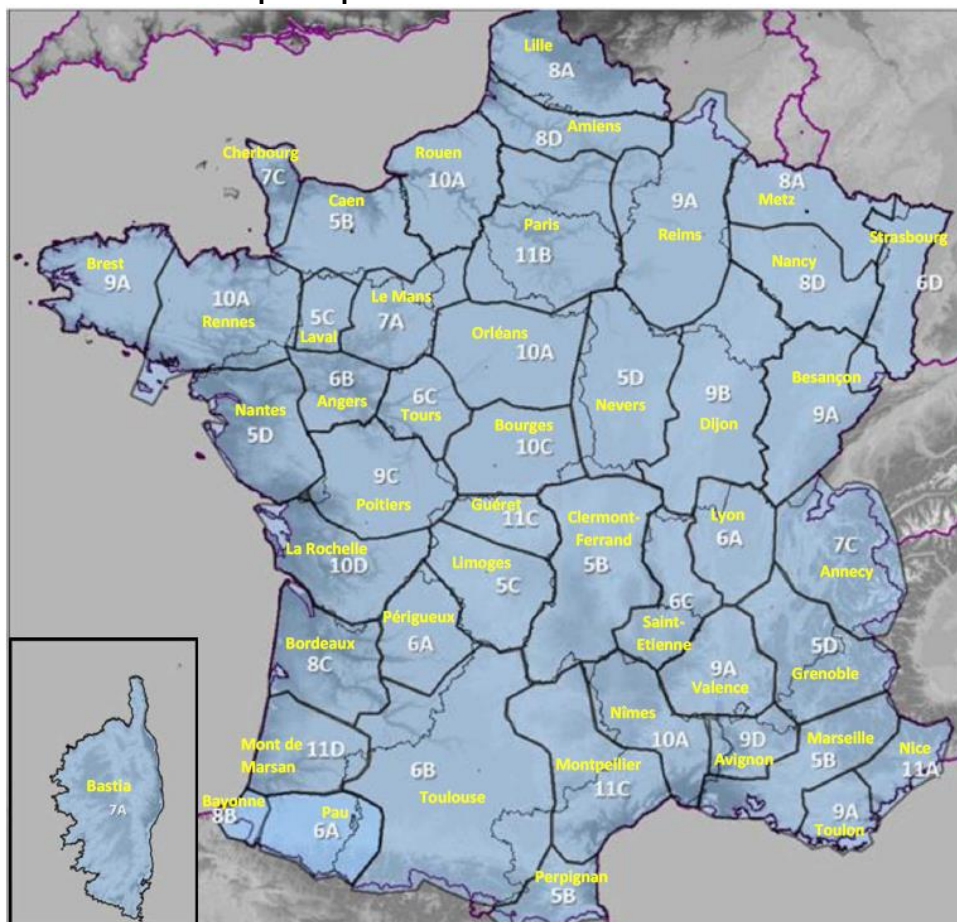
DAB+ Broadcast M2

Broadcast	MFN network			
	Multiplex Name	Arcom ID to date (on air)	Channel	EID
	M2	N2_National_1 N2_National_15 N2_National_2 N2_National_9	8C 8B 9C 10C	F044
SFN network for M2				
Radio stations (13)	<ul style="list-style-type: none"> - BFM Business - BFM Radio - Europe 1 - Europe 2 - FIP - France Culture - France Info - France Inter - France Musique - KTO Radio (new, on-air) - Mov' - RFM - RMC 			
Audio	Encoding exclusive DAB+ / AAC+ bitrates at 88 kbit/s			
Programme Type PTY	No			
DLS	0,5 to 1 kbit/s dynamic as integrated PAD.			
Slideshow	Yes, per radio station 8 to 16 kbit/s dynamic as integrated PAD.			
Station Logos	Yes: Integrated in Slideshow			
Traffic Information	No			
Announcement (TA)	No			
Other Ensemble Announcement (OE)	No			
Service Information	<ul style="list-style-type: none"> • Minimal signalling to display and decode is broadcasted FIG 0/0, 0/1, 0/2; 0/8, 0/9, 0/10; 0/13; 0/17; 1/0, 1/1 • Frequency information is not broadcasted FIG 0/21 • Other multiplex (ensemble) information is not broadcasted FIG 0/24 			
Service Following	No specific signalling for Service Following is broadcasted as of today Implicit linking for DAB > FM continuity occurs by default when the code PI (FM) = SID (DAB).			
Hard links	No			
Soft links	No			
Service Configuration	No			
DAB+ standard EN300401				

DAB+ Broadcast Local multiplexes

Broadcast	SFN network
Radio stations (13)	More information on: https://www.dabplus.fr
Audio	Encoding exclusive DAB+ / AAC+ bitrates from 64 to 80 kbit/s
Programme Type PTY	No
DLS	0,5 to 1 kbit/s dynamic as integrated PAD.
Slideshow	Yes, per radio station 8 to 16 kbit/s dynamic as integrated PAD.
Station Logos	Yes: Integrated in Slideshow
Traffic Information	No
Announcement (TA)	No
Other Ensemble Announcement (OE)	No
Service Information	<ul style="list-style-type: none"> Minimal signalling to display and decode is broadcasted FIG 0/2; 0/5; 0/8; 0/13; 0/17; 1/1 Service following are not broadcasted FIG 0/6 and 0/21 Frequency information is not broadcasted FIG 0/21 Other multiplex (ensemble) information is not broadcasted FIG 0/24
Service Following	No specific signalling for Service Following is broadcasted as of today Implicit linking for DAB > FM continuity occurs by default when the code PI (FM) = SID (DAB).
Hard links	No
Soft links	No
Service Configuration	No
DAB+ standard EN300401	

Arcom Etendu multiplexes plan



ARCOM deployment map 2018 - 2024

