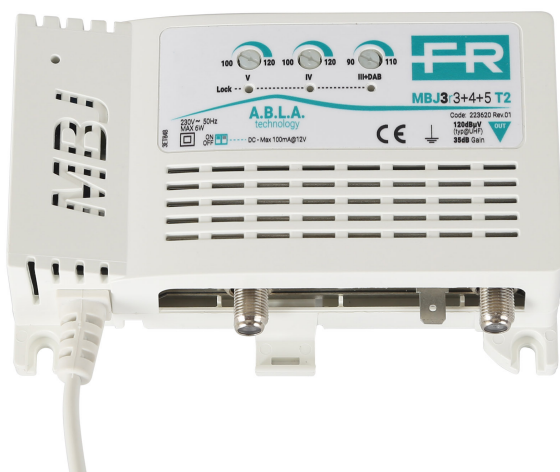


MBJ3r3+4+5 T2

Multiband amplifier



1-input (III+DAB+IV+V) multiband TV indoor amplifier with 35dB gain and up to 120dB μ V output level on UHF band, separate bands amplification with independent level adjustment (20dB) for each band and low noise figure. T2 technology with UHF cut band for LTE 4G @790MHz and 5G @694MHz.

Technical Chars

- **Built-in 5G filter at 694MHz** to **minimise clutter** in junction boxes compared to the use of an external filter.
- **A.B.L.A. functionality.** FRACARRO's exclusive system for maintaining the set output level constant even when the level of each input changes (independent A.B.L.A. circuits) with **output level stabilisation** even for high variations in the input TV signal and **LED operation** of the dedicated A.B.L.A. circuits.
- **High shielding** against LTE interference (LTE Free)
- Protective shell: the new switchboards are equipped with an ABS fireproof and flame retardant (Class V0) enclosure
- Prepared for **mounting on** a standard **DIN rail** with quick release.
- The dimensions of the MBJ EVO T2 have been designed so that they can be easily installed inside wall boxes.
- **Very high efficiency switching power supply** (>80%) and self-resetting **short-circuit protection** circuit.
- Selector for **remote power supply** on each input (100mA total).
- Power supply status LED.
- Faston for connection to TV system earth.

initial_fields		
Code		223620
Input no.		1
Inputs		III+DAB + IV + V
DAB, III Frequency	MHz	174 - 230
Frequency IV	MHz	470 - 590
V Frequency	MHz	590 - 694
Gain	dB	III+DAB: 35; IV: 35; V: 35
Gain adjustment	dB	III+DAB: 20; IV: 20; V: 20
Optical noise figure	dB	III+DAB: 6; UHF: 6
Outputs number		1
Output level	dB μ V	III+DAB: 110; UHF: 120
Connectors		F female
Filter		5G

Features		
Power supply voltage	Vac/Hz	220-230 / 50-60
Current consumption	W	6
Isolation class		II
Remote feeding		100mA@12V total
Working temperature	°C	From -10 to +55
Protection		IP20
Dimensions and packaging		
Pcs		1
EAN code		8016978104338
Packaging dimensions	mm	152x105x47
Product dimensions	mm	135x82x39
Packaging weight	Kg	0.345
Weight	Kg	0.34

Australian Digital TV

VHF & UHF Channel listing

Source: Australian Communications and Media Authority

https://www.acma.gov.au/-/media/Licence-Issue-and-Allocation/Publication/pdf/TVRadio_Handbook_geninfo-pdf.pdf?la=en

The below guide of VHF & UHF Digital TV channels is a guide for Australian Digital TV only, these frequencies can change before alteration of this document has been completed. And should only be used as a guide.

For countries other than Australian governed Digital TV please consult your local broadcast authority.

Australian Television Channel Number	Channel Planning Block	VHF/UHF Frequency Band	Frequency Range (MHz)	Centre Frequency (MHz)
6	A	VHF III / Band 3	174 - 181	177.5
7	A	VHF III / Band 3	181 - 188	184.5
8	A	VHF III / Band 3	188 - 195	191.5
9		VHF III / Band 3	195 - 202	198.5
9a		VHF III / Band 3	202 - 209	205.5
10	A	VHF III / Band 3	209 - 216	212.5
11	A	VHF III / Band 3	216 - 223	219.5
12	A	VHF III / Band 3	223 - 230	226.5
28	B	UHF IV / Band 4	526 - 533	529.5
29	B	UHF IV / Band 4	533 - 540	536.5
30	B	UHF IV / Band 4	540 - 547	543.5
31	B	UHF IV / Band 4	547 - 554	550.5
32	B	UHF IV / Band 4	554 - 561	557.5
33	B	UHF IV / Band 4	561 - 568	564.5
34	C	UHF IV / Band 4	568 - 575	571.5
35	C	UHF IV / Band 4	575 - 582	578.5
36	C	UHF V / Band 5	582 - 589	585.5
37	C	UHF V / Band 5	589 - 596	592.5
38	C	UHF V / Band 5	596 - 603	599.5
39	C	UHF V / Band 5	603 - 610	606.5
40	D	UHF V / Band 5	610 - 617	613.5
41	D	UHF V / Band 5	617 - 624	620.5
42	D	UHF V / Band 5	624 - 631	627.5
43	D	UHF V / Band 5	631 - 638	634.5
44	D	UHF V / Band 5	638 - 645	641.5
45	D	UHF V / Band 5	645 - 652	648.5
46	E	UHF V / Band 5	652 - 659	655.5
47	E	UHF V / Band 5	659 - 666	662.5
48	E	UHF V / Band 5	666 - 673	669.5
49	E	UHF V / Band 5	673 - 680	676.5
50	E	UHF V / Band 5	680 - 687	683.5
51	E	UHF V / Band 5	687 - 694	690.5

***Within Australia**, channels 52-69 have been reallocated under 'Digital Dividend' spectrum for other uses - i.e. 4G LTE purposes

- In the 'Clearing the digital dividend - Decision on planning principles for restacking digital television channels - May 2011, the decision was made to adopt the block planning approach, with 5 blocks of 6 channels, as shown in the table.

- Channel 9 and 9a may be used for digital TV in some remote areas.