

HEADEND AMPLIFIER

MBX SERIES

MULTIBAND AMPLIFIER



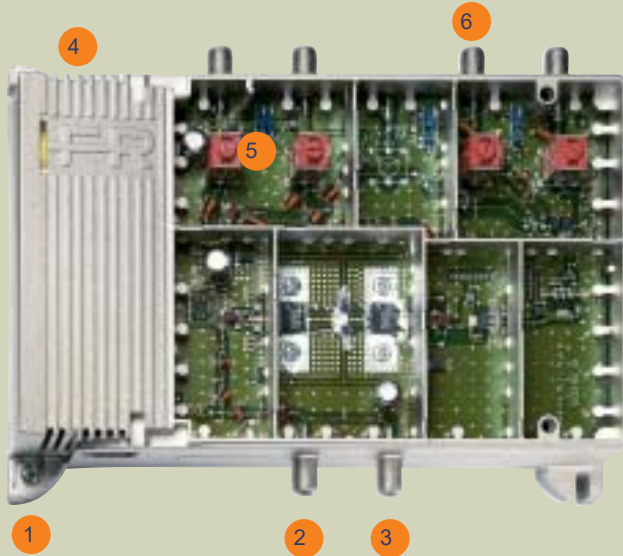
MBX SERIES

MBX5551 - MBX5851 - MBX5752

Multiband amplifier to amplify and mix signals from several sources. Die-cast housing, fully shielded with F connectors. Separate VHF and UHF band amplification for 119dB μ V version, broadband amplification for 124 dB μ V version. High gain and high output levels allow these products to be used in medium-large networks. Fully compatible with DTT signals, OFDM modulation.

- All the adjustments are located under the cover to prevent unauthorised access, with safety screws on the cover.
- Easy to use
- Mains powered, with F connectors

KEY POINTS



Die cast housing, fully shielded, nickel plated to guarantee protection against oxidation. Highly reliable product due to efficient heat dissipation.



Label shows input and output configuration, internal plastic label shows jumper location, attenuators, gain and output level.



Accessory kit MBX0001 included, to install the amplifier leaving a space between the wall and the product.

- 1 Earth bonding screw for 4mm² cable.
- 2 Very high output level.
- 3 Test point (-30dB).
- 4 Switch mode power supply, very low consumption, high efficiency with green led.
- 5 Adjustable gain (0-20dB) on every input.
- 6 Remote power available on all inputs, total max 100mA.

	MBX5551	MBX5851	MBX5752
Previous item	AMP9200011	AMP9201011	AMP9202011
Number of input	5	5	5
Gain	b.1 (47 ÷ 68MHz): 34dB b.FM (87.5 ÷ 108MHz): 34dB b.3 (174 ÷ 230MHz): 34dB b.UHF (470 ÷ 862MHz): 32dB b.UHF (470 ÷ 862MHz): 32dB	b.1 (47 ÷ 68MHz): 34dB b.FM (87.5 ÷ 108MHz): 34dB b.3 (174 ÷ 230MHz): 34dB b.UHF (470 ÷ 862MHz): 44dB b.UHF (470 ÷ 862MHz): 44dB	b.FM (87.5 ÷ 108MHz): 35dB b.1+3 (47 ÷ 68 174 ÷ 230MHz): 36/38dB b.UHF (470 ÷ 862MHz): 30dB b.UHF (470 ÷ 862MHz): 42dB b.UHF (470 ÷ 862MHz): 42dB
Gain Adjustment	0 ÷ 20dB on every input	0 ÷ 20dB on every input	0 ÷ 20dB on every input
Max output Level -60 dB IM3 port Unequal.	VHF: 116dB μ V UHF: 119dB μ V	VHF: 116dB μ V UHF: 119dB μ V	VHF: 116dB μ V UHF: 119dB μ V
Noise Figure	VHF: 5dB UHF: 8.5dB	VHF: 5dB UHF: 8.5dB	VHF: 5dB UHF: 8.5dB
Power Consumption	8.5 W	8.5W	8.5W
Protection	IP20 indoor use only	IP20 indoor use only	IP20 indoor use only
Dimensions (l x h x p)	product: 194 x 143 x 53 mm packaging: 280 x 170 x 75 mm	product: 194 x 143 x 53mm packaging: 280 x 170 x 75mm	product: 194 x 143 x 53mm packaging: 280 x 170 x 75mm