



MiniKom EasyF broadband multiband amplifier 4 inputs: FM- VHF-UHF-UHF

Configurable headend multiband amplifier for MATV systems with separate amplification that guarantees the absence of intermodulation among inputs.

Equipped with 4 inputs: FM-VHF-UHF-UHF; the VHF and UHF inputs have both selectable gain margins, whereas the FM input has a single amplifying stage. Equipped with a LTE700 filter, and an output LED signal indicator for immediate network failure detection.

Ref.	562422
Logical ref.	MVNF440DD2
EAN13	8424450273272

Packaging info

Box	1 pcs.
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Physical data

Net weight	635.00 g
Gross volume	1.00 dm ³
Gross weight	705.00 g
Width	103.00 mm
Height	103.00 mm
Depth	50.00 mm
Main product weight	635.00 g

Highlights

- Very compact size (103 mm x 103 mm x 50 mm)
- LED indicators to display the presence of both output signal and power supply
- Two amplifying stages for TV bands
- Switch-mode power supply ensuring low power consumption
- EasyF connection system
- High-screening Zamak chassis
- Test output (-30 dB)
- Intuitive front cover, including adjustments and block diagram
- ON/OFF DC pass switch on VHF and UHF inputs for pre-amplifier or BOSS system powering
- Can be wall-mounted using screws

Discover

EasyF connection system: simplicity and savings

EasyF is an innovative connection concept where the inner conductor of the coaxial cable is directly inserted in the device, thus improving connection reliability. Thanks to the absence of F connectors, the chassis can be reduced and the connection of two cables secured with a single screw.

- Real time savings: speeding the installation is possible without the need for coaxial cable termination. Furthermore, there is no need for screwing the connectors on the device, which is sometimes difficult when there is little room
- Connection reliability: the clamp holding the cables prevents the coaxial cable to come off
- Cost savings: no additional connectors are required (neither F nor IEC)
- Space optimization: inputs and outputs are always on the same side of the device to prevent coaxial cables from bending, and to make working inside cabinets and register boxes easier
- Very easy three-step mounting: only screwing and unscrewing the covers is required to connect both cables:

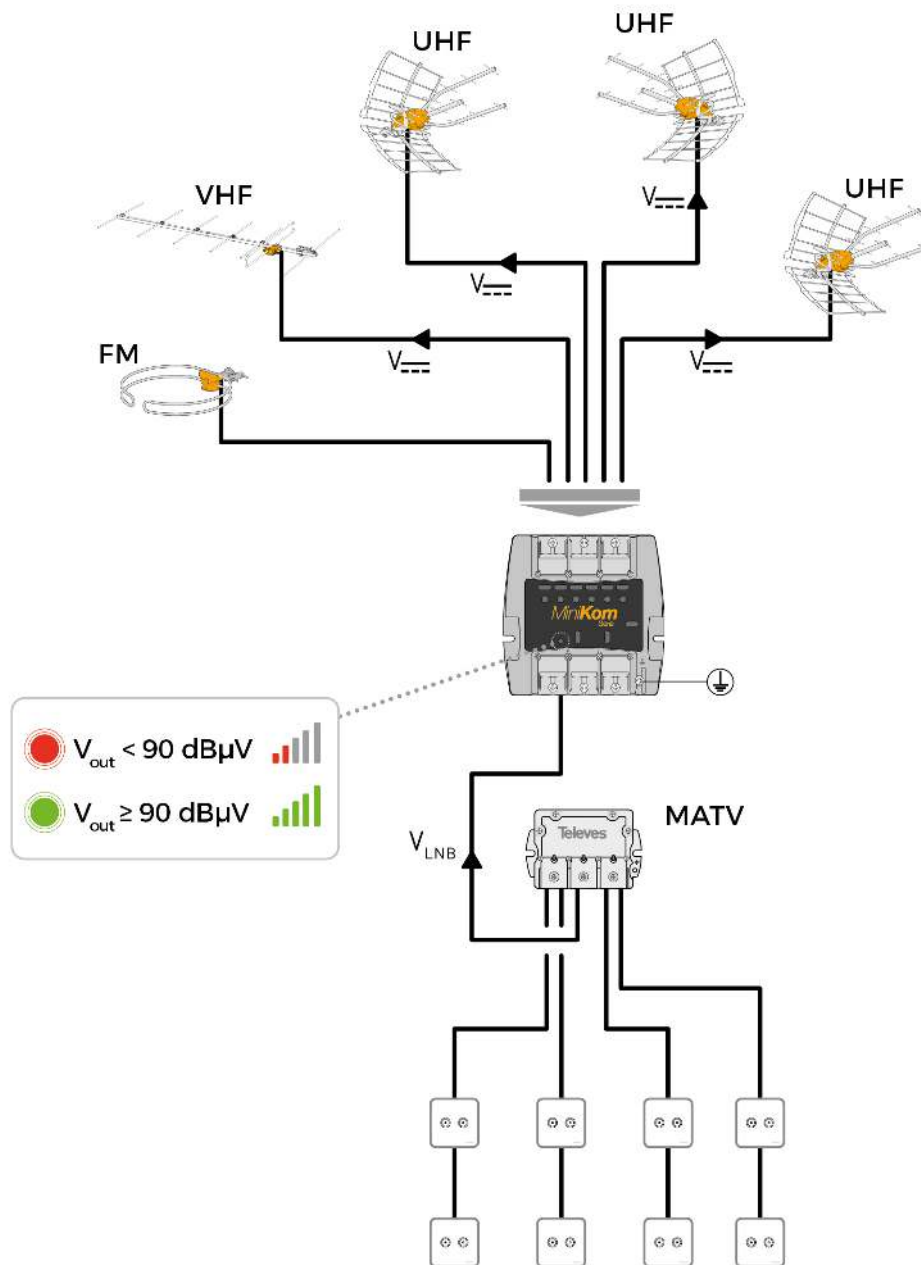
1. Unscrew the device's cover to access the connection
2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

Learn more about EasyF system reliability

With EasyF, the connection between the coaxial cable and the device is carried out using an automated system for contact insertion of the inner conductor, without any soldering.

- Always as new: the device's operating life increases when the factor of solder wearing out with time is removed
- Failure rate reduction: usually produced as a result of cold soldering joints
- Electromagnetic behaviour optimization: for high frequencies

[Application example](#)



Technical specifications : Ref. 562422

Bands		FM	VHF	UHF
Frequency range	MHz	88 ... 108	174 ... 400	470 ... 694
High gain	dB	15	34	36
Low gain	dB	15	24	26
Gain adjustment range	dB	0 ... 20	0 ... 20	0 ... 20
Noise figure	dB	6	5	10
Output level EN50083 IMD2 2tones -60dB	dBmV	--	43	--
Output level EN50083 IMD3 2tones -35dB	dBmV	60	61	63
Output level EN50083 IMD3 2tones -60dB	dBmV	--	51	53
Output level DIN45004B	dBmV	53	54	56
Powering per inputs	Vdc	0	12	12
Max current input	mA	0	200	200
Max power consumption (Inputr powering OFF)	W		4.6	
Max power consumption (Inputs powering ON)	W		10.5	
Input voltage	Vac		220 ... 230	
Mains frequency			50 Hz / 60 Hz	
Number of inputs			4	
Number of outputs			1	
Connectors			"EasyF" type	
Operating temperature	°F		23 ... 113	
Protection index (IP)			20	