

Kit: Mast amplifier with BOSS-Tech and "F" Power Supply Unit 1 input: LowVHF/HighVHF/UHF (Repack Ready)

This mast-mounted preamplifier features one input covering the entire TV band and can be used with any TV antenna (VHF, VHF/UHF or UHF). Unique to Televes, the new T-Force preamplifier family features automatic gain control ensuring an optimum amount of signal is delivered at all times despite changes in the receiving conditions and avoiding over or under amplification situations. The automatic gain control is independent per band so that adjustments to the UHF channels do not impact VHF channels and vice-versa. It features high gain and powerful output level while the high screening cast metal chassis ensures best-in-class electromagnetic shielding protection. Cast metal and high-grade ABS plastic construction for reliable outdoor installation withstanding the harshest elements.

This particular unit is an entirely new design optimized for the new repack TV frequencies.Its fine tuned steep filters reject any out of band interference, including FM and 5G signals over 608 MHz.

A low-consumption UL-listed power supply is included providing two outputs for convenient distribution to additional TV sets. This Televes preamplifier can also pass power to an active antenna when needed.

Ref.	560383
EAN13	8424450214961

Other features

Colour	Black

Packaging info

Box	1 pcs.

Physical data

Net weight	505.00 g
Gross volume	1.63 dm³
Gross weight	552.00 g
Width	113.00 mm
Height	88.00 mm
Depth	35.00 mm
Main product weight	230.00 g

Highlights

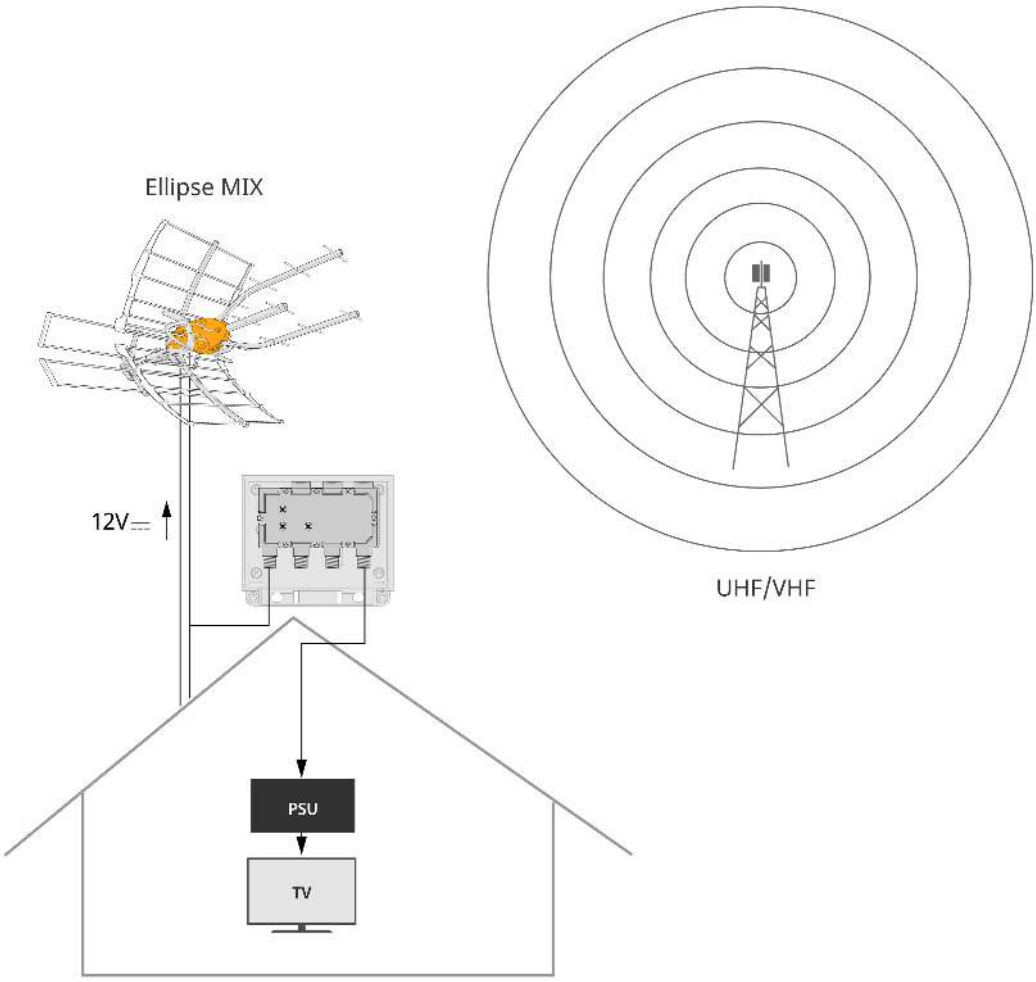
- Use this installation to join the "cord-cutting" movement and enjoy top rated HDTV shows for free: abc HD, CSO HD, FOX HD, PBS HD, the CW, Univision HD, etc.
- Very fine tuned filtering to avoid any out of band interference, including FM filtering, and Repack frequencies (from 608MHz onwards)
- BOSS-Tech devices integrated: the amplifier adapts automatically and dynamically their gain to the signal conditions at the time, ensuring an optimum level of amplification and that the optimum signal is delivered at all times. It also avoids overload when there is interference present or enhanced conditions
- Dual band amplification: the VHF and UHF gains are adjusted independently according to the needs of each band. This also helps avoid intermodulation interference between the bands
- Very low noise
- High-screening Zamak chassis
- “F” connectors
- ON/OFF switch to allow DC pass towards the input for the powering of a BOSS system

- Easy mounting. Equipped with a plastic tie for mast mounting
- Black enclosure for outdoor installation, made of durable ABS plastic with UV protection validated according to ISO 4892-3:2016

Application example

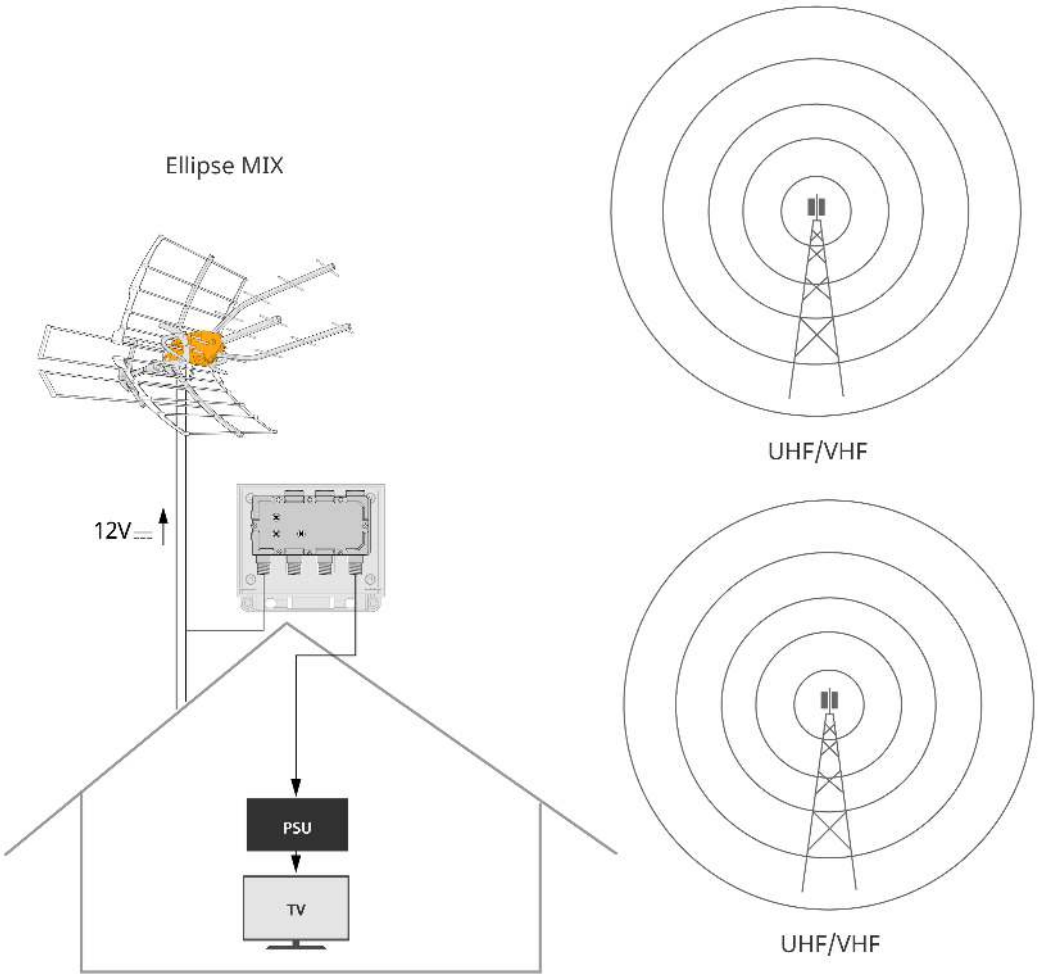
Receiving from one transmitting location using one antenna:

- The amplifier will automatically adjust its gain for each band independently over time to ensure optimum signal delivery. No configuration/settings are needed.
- The antenna used should be able to receive the desired frequency bands: LowVHF, HighVHF or UHF.



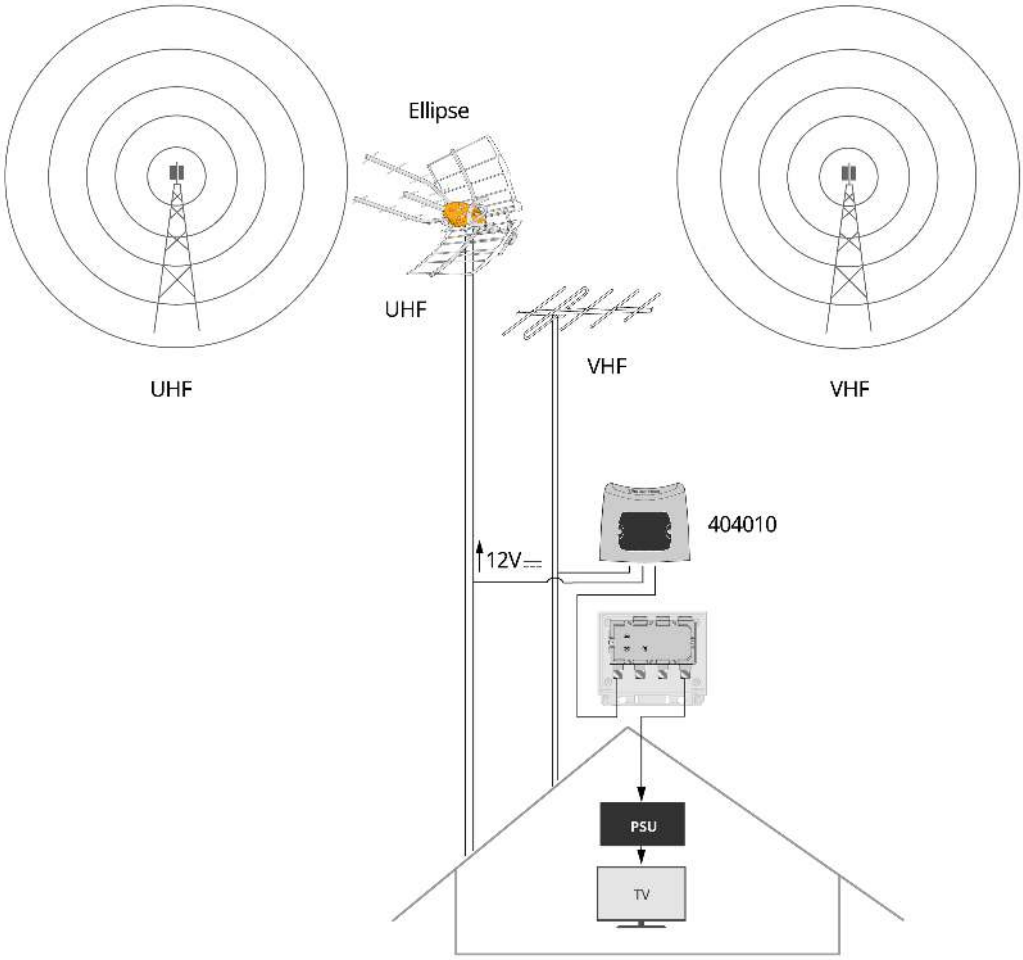
Receiving from two or more transmitting locations using one antenna:

- The amplifier will automatically adjust its gain for each band independently over time to ensure optimum signal delivery. No configuration/settings are needed.
- The antenna used should be able to receive the desired frequency bands: LowVHF, HighVHF or UHF.



Dedicated VHF and UHF antennas in fringe reception scenarios:

- To optimize the signal quality in fringe situations and when band dedicated UHF only and VHF only antennas are used, it is recommended to combine the antennas singals with a VHF/UHF diplexer (Ref. 404010) and connect the resulting feed to the amplifier


Ellipse
UHF
UHF
VHF
VHF
404010
12V
PSU
TV