

## MMIXER

### WIDEBAND MASTHEAD DIPLEXER FOR TV/SATELLITE

Item ref: 130.052UK

User Manual

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#### SPECIFICATION:

Frequency range:	Terrestrial 47 – 862MHz, Satellite 950 – 2400MHz
Insertion loss:	Terrestrial 1dB, Satellite 1.5dB
DC power pass:	Terrestrial 12Vdc/100mA, Satellite 18Vdc/500mA
Dimensions & weight:	110 x 105 x 52mm, 210g

#### INTRODUCTION:

Thank you for choosing this Mercury masthead diplexer. It is designed to combine terrestrial and satellite signals, allowing the transmission of both signals down the same coaxial cable. Supplied in IP44 rated casing for outdoor installation.

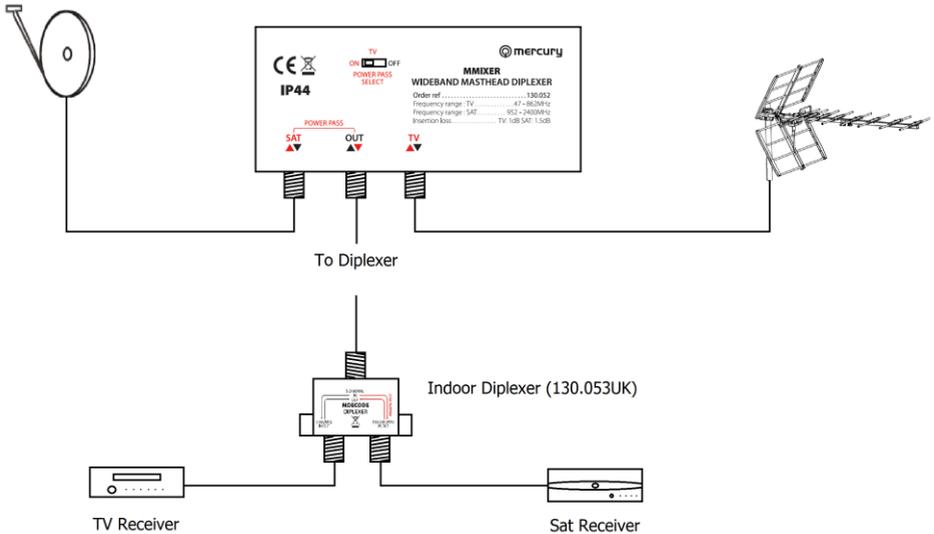
- F-type connector for secure connection.
- Transmits all frequencies down the same cable, saving cost.
- Wideband range compatible with FM/DAB/DTV(DVB-T, ATSC, ISDB-T, T-DMB)/Satellite.
- Fully shielded for minimum signal interference.
- DC pass allows power for LNB and optional for masthead amplifier.
- Compatible with indoor diplexer 130.053UK

#### INSTALLATION:

Before installation, to avoid danger of electric shock, please ensure that all equipment is switched off and unplugged from mains.

1. Press latch on both sides of the case to open the cover.
2. Connect the output of the LNB to the Sat input of the diplexer and aerial/masthead amplifier to the UHF input of the diplexer.
3. Connect the output of the diplexer with coaxial cable and run the cable to where the TV receiver and satellite receiver are located.
4. Align the cables into the pre-cut grooves and close the case, use the supplied cable tie to secure the diplexer to mast.

Basic diplexer to diplexer setup:



For Satellite receivers with an RF input, then UHF signal can be connected directly.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.  
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