

*For the Best*

# Headend Equipment

Product Catalogue



# Matchmaster Catalogue



## Quad Single-Channel Amplifier, AGC plus SAW Filter In and Out

### 14MM-AT440

- » TV channel amplifiers tunable in UHF range
- » SAW filters provide a high selectivity processing of digital and analog channels
- » Integrated LTE signal suppression filter
- » Each section has a built-in AGC system and an independent regulator of output level
- » built-in indicators and push buttons allow operatively to set required parameters
- » DC feeding for preamplifiers through RF input

## Quad Single-Channel Amplifier, AGC plus SAW Filter In and Out

### 14MM-AVANTX



- » The Avantx is equipped with 6 inputs: 1 x FM, 4x VHF/UHF- 1 x SAT. Equipped with 2 outputs: one terrestrial and one terrestrial + satellite.
- » Auto-programming: The amplifier self-scans the VHF/UHF inputs to find the best DVB-T/T2 channel, so it can automatically allocate each multiplex to a filter in the most optimum way.
- » Very easy configuration and adjustment using a suite application for Android or Windows with the ability to save an installation PDF report with settings and measurements.
- » Up to 32 individually programmable filters: Single channel digital filtering, even for adjacent channels (1 to 4 channels) with digital processing to allow output frequency shifting.
- » AutoLTE: Automatic internal adaptation of filters, depending on the LTE signal type (4G/5G)
- » 3 Year Warranty



## Female to Female Quick Coaxial Bridge, 36mm

### 14MM-CB420

- » Coaxial bridge designed specifically for the AT series modules
- » Excellent RF shielding
- » Industry standard F connector
- » Rigid solid material
- » Used to daisy chain modules

## RF Bridge for Multichannel Modules, 48.5mm (14MM-MDX420/AT440)

### 14MM-CB420L



- » Coaxial bridge designed specifically for the AT series modules
- » Excellent RF shielding
- » Industry standard F connector
- » Rigid solid material
- » Used to daisy chain modules

## 12x HDMI Inputs to COFDM Output

### 14MM-DD12HD-R



- » 2 HDMI inputs
- » 19" 1 RU Rack mount
- » Commercial quality
- » 3 HDMI streams encoded onto 4 RF MUX's
- » Programmed through LAN, Wi-fi and Wi-Fi to app on Android or iPhone device
- » 3 year warranty

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## DIN Rail Mounting Clip

### 14MM-DIN1

- » Solid construction
- » Comes complete with 2 screw sizes
- » Works with any product
- » Smart simple design



## Multi-Channel Headend Multiband Amplifier

### 14MM-MA400

- » Total flexibility with this multiband amplifier offering FM, VHF and UHF amplification
- » High-level output
- » Separate manual gain controls for each band
- » Switchable attenuation for each band
- » Loop input and output with F connection



## Multi-Channel Twin AV to DVB-T Modulator

### 14MM-MDX420

- » AT series family DVBT twin modulators totally agile and independent channels
- » AV composite to DVB-T COFDM modulator
- » Programmable twin modulators
- » Rack mountable system
- » Loop input and output with F connection



## 19" System Rack Mountable

### 14MM-MR19-420

- » AT series 19" rack mount solution offers total flexibility for your headend needs
- » Coated steel to minimise corrosion
- » All items to mount directly into 19" rack
- » Capacity for several modules
- » Recessed for racking system permitting rack door closure



## Twin Modulator 7-8MHz Selectable Stereo

### 14MM-MT420C

- » Modulating analogue video/audio signals into VSB RF channel with mono or stereo A2 sound
- » Frequency agile vestigial sideband TV modulators
- » LED display and push buttons control of internal microprocessor
- » RF output level and audio input level loop through RF combining low level harmonics and intermodulation products
- » Built-in test pattern generator



## MicroUSB-B to USB-C OTG Patchcord

### 14MM-OTG1

- » MicroUSB-B male to USC-C male connection patchcord, 1m long. It allows connections between AVANT programmable amplifiers and an Android mobile device, for its use with ASuite app. The patchcord incorporates the OTG (On-The-Go) protocol, which allows its use without any additional special adapter or connector.

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## **Twin DVB-S/S2 to DVB-T CI Transmodulator** **14MM-TDX420C**

- » Converting of 2 DVB-S/S2 modulated input signals into 2 COFDM modulated DVB-T channels.
- » 2 x Common Interface slots
- » 2 x Transponders to either CAM and either multiplex
- » TS monitoring via Web interface
- » Web control and SNMP monitoring
- » Din rail mounting



## **Transmodulator 8 SAT to 4 COFDM** **14MM-TDX440**

- » Compact robust design
- » Intergrated 2x8 multiswitch allowing the TDX440 to look at 2 satellites independently and select streams from up to 8 transponders
- » The TDX440 allows SD and HD FTA streams to be selected and up to 4 DVBT mux's can be used.
- » The TDX440 can be monitored using SNMP and has web-based-control through the front LAN port
- » The TDX440 is the same modular design as all of the Terra DIN rail series



## **DIN Rail Multi-Channel Power Supply** **14MM-UP410S**

- » 12V 4.5 Amp
- » AT series headend modular power supply with integrated RF combiner
- » Switch mode technology
- » Short circuit and overload protected
- » DIN rail or wall mounting, robust die-cast housing
- » Screw terminal block for DC output power distribution bus



## **DIN Rail Power Supply with Parallel Capability** **14MM-UP413**

- » 12V 4.5 Amp
- » AT series headend modular power supply with integrated RF combiner
- » Switch mode technology
- » Short circuit and overload protected
- » DIN rail or wall mounting, robust die-cast housing
- » Screw terminal block for DC output power distribution bus



## **TERRA Power Supply for Self Monitoring** **20MM-UP412**

- » Modular reception system power supply with parallel capability and self monitoring via LAN
- » Can be used in parallel for redundancy
- » Switch mode technology
- » Short circuit protected
- » Screw terminal block for DC output power distribution bus
- » Din rail mounting





**matchmaster.co.nz**

**0800 AERIAL** 237 425

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and all specifications are correct at  
time of printing