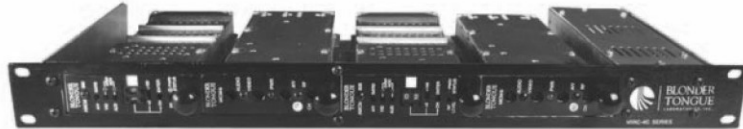




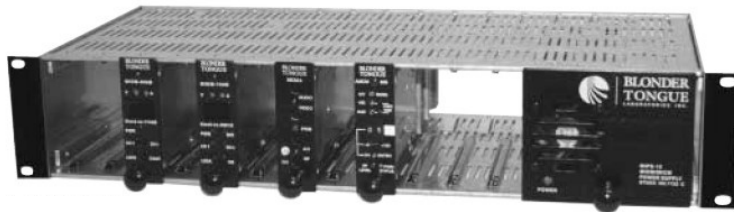
Micromod Modular Headend System

Rack Chassis & Power Supplies

MIRC-4D 4 Slot Vertical Chassis



MIRC-12V 12 Slot Horizontal Chassis



The MIRC-4CUBE is extremely well suited for use in surveillance or security type applications. A video camera's baseband video output can be modulated to any cable television channel combined with existing TV signals to permit any outlet to monitor the camera feeds. This compact chassis can support up to 4 fixed channel or agile modulators and can be mounted in practically any location. The use of Blonder Tongue high performance modulators easily permits placing camera signals on adjacent channels.

MIRC-4 CUBE



MIPS-12C Power Supply

Specifications

General

Power Requirements: 100 VAC to 240 VAC, $\pm 10\%$
 Frequency: 50 to 60 Hz
 Temperature Range: 0° to +50° C
 Output: +5 VDC @5.5 Amps, +12 VDC @4 Amps

Mechanical

Dimensions (WxHxD) : 4.16" x 3.5" x 7.50"
 Weight: 1.10 lbs (0.50 kg)

Connectors/Impedance

AC In put: IEC
 DC Output: 37 pin D

Indicators

Power 1 ON: LED, green

Accessories Supplied

AC Power Cable: 6 Ft, IEC, USA

Specifications

General

Power Requirements: 100 VAC to 240 VAC
 Frequency: 50 to 60 Hz
 Temperature Range: 0° to +50°
 Output Voltage & Current Capacity:
 +12 VDC @ 1.8 Amps
 +5 VDC @ 1.8 Amps

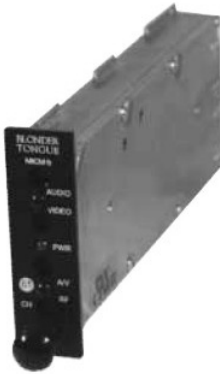
Ordering Information

Model	Stock No.	Description
MIRC-4D	7711	HE-4 Series Rack Chassis & Power Supply 19" Rack Mount
MIRC-12V	7715	HE-12 Series Vented Rack Chassis 19" Rack Mountable 2 RU Chassis for 12 Modular Units
MIPS-12C	7722C	HE-12 Series Power Supply 5.5 A on 5 VDC line, 4 A on 12 VDC line
MIRC-4CUBE-CH	7703	4 Slot Vertical Chassis Supports combinations of up to 4 MICM, AMCM or MIDM units
MIRC-4CUBE-PS	7702	4 Slot Vertical Chassis Power Supply Unit

Accessories

Model	Stock No.	Description
MIBP-1	7787	Blank Panel Insert Single Modular Panel compatible with HE-12 / MIRC-12 Chassis
MIBP-2	7788	Blank Panel Insert Dual Modular Panel compatible with HE-12 / MIRC-12 Chassis

Agile Demodulator HE-12/HE-4 MIDM Series



Features & Benefits

- Die-Cast Chassis Offers Superior Protection Against Ingress or Egress
- Demodulates Any Channel 54-806 MHz
- LED Display Makes Agile Channel Selection Easy
- Compatible with MICM-45 Modulator for Compact Off-Channel Processor Solution

The MIDM is a professional quality agile audio/video demodulator and is intended for both CATV and VHF & UHF applications. The unit is in a "single width" Die-Cast housing that allows deployment of up to 12 demodulator units in a MIRC-12 chassis.

The MIDM demodulates standard CATV, IRC and HRC channels and is capable for "Cherry Picking" of CATV channels in preparation for remodulation. The input frequency range is agile, allowing selection of any CATV channel from 54 to 806 MHz. Baseband audio and video are provided as outputs. It is ideal for off-air signal processing (audio/video processing and remodulation) applications. Baseband audio and video are provided as outputs. The MIDM features rock solid, phase lock loop (PLL) synthesized frequency control. Agile frequency selection is accomplished via front panel channel up/down buttons with a LED channel readout for easy on-the-fly channel changes. A channel lockout mode is also provided to prevent accidental channel changes. Non-volatile memory maintains the programmed channel selection in case of power loss. The MIDM is compatible with any modulators requiring a baseband input, and can be used in any combination with the MIPS-12C power supply in a MIRC-12 chassis.

Specifications

RF

Frequency Range: 54-806 MHz
VHF, UHF, CATV
(Std., IRC, HRC)

Input Level Range: -5 to +30 dBm VHF/UHF,
+2 to +12 dBmV (CATV)

Noise Figure: 8 dB

Image Rejection: VHF 60 dB

Input Impedance: 75 Ohm

Video

Output Level: 1.0 V p-p

Output Impedance: 75 Ohm

Audio

Output Level: 1 Vp-p

Output Impedance: 600 Ohm, Unbalanced

General

Power Requirements - External:
12 VDC @ 140 mA
5 VDC @ 150 mA

Temperature Range: 0° to +50° C

Mechanical

Dimensions (WxHxD): 1.0 x 3.5 x 7.50 in
29 x 89 x 191 mm

Weight: 1.2 lbs (0.56 kg)

Connectors/Impedance

Audio Output: RCA Phono, Fe male

Video Output: 75 Ohm "F" Type, Fe male

RF Input: 75 Ohm "F" Type, Female

Power: Locking Header, 3 Pin

Controls

Channel Selection: Push Buttons

ANT/CATV: Push Button

Power On/OFF: Push Button

Channel Lock: Push Button

Audio Level: Pot

Video Level: Pot

Indicators

Channel: 2 Digit, 7 Segment LED

Ordering Information

Model	Stock No.	Description
MIDM-806C	7740C	HE-12 Series Agile Audio/Video Demodulator 54-806 MHz UHF/VHF/CATV Input (STD, HRC, IRC)

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Specifications Subject To Change Without Notice.

Blonder Tongue Agile Micro Demodulator

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