

HE-12 & HE-4

MODULAR HEADEND SYSTEM CHASSIS AND

POWER SUPPLY



The HE-12 and HE-4 are professional quality, modular headend systems, designed to maximize rack space. Each system begins with a rack chassis, either a horizontal 4 slot or a vertical 12 slot. The available slots can then be populated with a variety of modular components, including single width channelized audio/video modulators, a single width agile demodulators and single width agile micro modulators. (Note the demodulator can only be used in the vertical 12 slot chassis.) These modules are designed to work together to provide audio/video modulation and channel processing (modulator/demodulator).

MIRC-4, MIRC-12V Chassis

Two sizes of chassis are provided for optimum rack utilization. The MIRC-4 chassis is an open frame rack with built in power supply for up to 4 MICM units. The new MIRC-4C can support any combination of up to 4 MICM or AMCM modulators. This updated chassis features rails to allow easy slide-in, slide-out installation. A special horizontal AMCM version is required (AMCM-806H, Stock No. 7766H) while standard MICM modulators are used. Replacement MIPS-4 power supply modules are also available. The MIRC-12 chassis requires one MIPS-12 power supply for operation of up to 12 modules. MIRC-4CUBE The MIRC-4CUBE is a stand alone version of the MIRC-4. It can be used in any application where modulators are needed and there isn't a standard headend rack. The CUBE consists of the chassis (MIRC-4CUBE-CH), power supply (MIRC-4CUB-PS) and up to 4 Micro-Modulators.

Features: SYSTEM

- Professional Quality, Modular Headend System
- 12 Slot Vertical Chassis or 4 Slot Horizontal Chassis
- Slide-In Modules
 - Channelized Modulator with Channel Ranges up to 750 MHz, SAW Filtered Demodulators - 54-806 MHz, VHF/UHF & 54-750 MHz, CATV
- Vertical Rack Chassis Holds Up To Twelve Single Slot Modules
- MIPS-12C Power Supply Supports All Configurations of Modules
- Horizontal Chassis Holds Up to 4 MICM or AMCM Modules

UL INFORMATION

MIRC-12V

The MIRC-12 Chassis is UL Listed when one or more of the following Blonder Tongue UL Recognized products are installed:

MIPS-12	MIDM-860C
AMCM-806	
MICM-45	

MIRC-4

The MIRC-4 Chassis is UL Listed when the Blonder Tongue UL Recognized product MICM-45 is installed.

SPECIFICATIONS		
ELECTRICAL	MIPS-4 MIPS-12C	Unit
Output		
Voltage:	+12	VDC
	+5	VDC
Current - Max		
MIPS-12C:	4	A
	5.5	A
MIPS-4:	1.5	A
GENERAL		
Power Requirements		
Voltage:	90 to 250	VAC
Frequency:	47 to 63	Hz
Fuse (Internal)		
MIPS-12C:	2.0	A
MIPS-4:	2.0	A
Temperature Range:	0 to +50	°C

MECHANICAL		
	MIPS-4 MIPS-12C	Unit
Dimensions (WxHxD):		
	2.9 x 3.5 x 7.50	in
	74 x 89 x 191	mm
Weight		
MIPS-12C:	1.10 lbs	(0.50 kg)
MIPS-4:	3.00 lbs (1.40 kg)	
CONNECTORS (Rear Panel)		
DC Output:		
MIPS-12C:	D-25F	
MIPS-4:	(4) 3 Conductor Locking Headers	
INDICATORS (Front Panel)		
Power ON		
MIPS-12C:	LED, green	
MIPS-4:	-	

Ordering Notes: (1) Specify desired frequency. (2) Specify desired channel(s).
(3) Specify desired option. (4) Specify desired isolation value or tap value.

