



MS165-RM

5x16, 2150 MHz Multiswitch



User Manual

Toner Cable Equipment Inc. 969 Horsham Rd. Horsham, PA 19044

T. 215 675 2053, 800 523 5947, info@tonercable.com, www.tonercable.com

Safety Instructions & Precautions

- Do not operate the Unit in high-humidity areas, or expose it to water or moisture. No objects filled with liquid should be placed on the device.
- Disconnect the unit from the wall outlet prior to cleaning. Use a light, damp cloth (no solvents) to dust or clean the product.
- Never place the Unit near or over a radiator or heat register. Do not place the Unit in an enclosure such as a cabinet without proper ventilation.
- We strongly recommend using the enclosed ground wire connecting to the ground cable of your house/building to avoid voltage spikes or ground fault.
- When replacement parts are required, ensure that the service technician uses replacement parts specified by the manufacturer. Unauthorized substitutions may damage the Unit or cause electrical shock or fire, and will void the warranty.
- Upon completion of any service or repair to the Unit, ask the service technician to perform safety checks to ensure that the Unit is in proper operating condition.

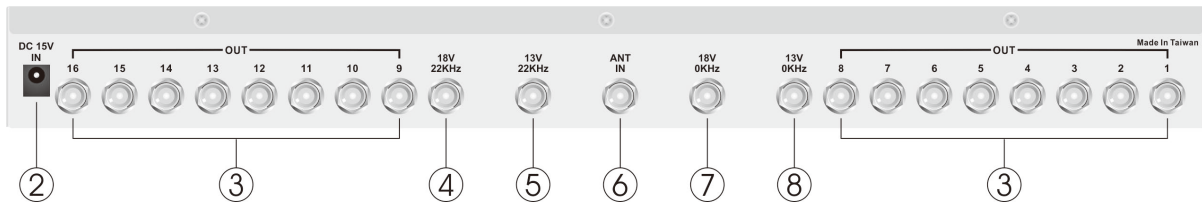
I . INSTRUCTIONS

FACEPLATE :



1. POWER INDICATOR

REAR PLATE :



2. DC INPUT 15V FOR POWER SUPPLY ADAPTER

3. 16 OUTPUTS FOR SET TOP BOXES / RECEIVERS

4. SATELLITE INPUT 18V 22KHz

5. SATELLITE INPUT 13V 22KHz

6. ANTENNA INPUT

7. SATELLITE INPUT 18V 0KHz

8. SATELLITE INPUT 13V 0KHz

II . SPECIFICATION

RF Configurations	:	5 x 16
Frequency Range	:	950-2150 MHz for satellite; 40-806MHz for terrestrial
Gain Amplitude (for satellite)	:	4-12 dB
Insertion loss	:	0 dB for 950-2150 MHz / 4 dB max for 40-806MHz
Isolation	:	For 950-2150 MHz ≥ 35 dB for Sat-to-Sat / ≥ 25 dB for Out-to-Out For 40-806 MHz : ≥ 20 dB for Out-to-Out
Stop Band Attenuation	:	30 dB for Ant port at 950MHz / 30dB for Sat port at 806MHz
Output 22 KHz	:	22 ± 2 KHz / 700±100 mVp-p
RF Connector	:	F-Type, Female, 75 Ω UNEF
General		
Power Supply Adaptor	:	Input 90-240V AC, 50/60Hz Output 15VDC/2.4A UL Certificate
Size	:	19 x 1 ¾ x 11 ½” (162 x 445 x 292 mm)
Weight	:	4.5 lbs (2.0 kg)

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