trilogy
A CLEAR-COM COMPANY

Key Features

- Provides redundancy in event of a system failure
- Fully-scalable, modular design
- Active and passive option cards available
- Three-channel relay card(s) switch unbalanced auxiliary signals
- Option boards available for additional BB, SD/HD, TLS, AES, LTC and audio signals
- Reserved slot for AES (or LTC) detector card
- Reserved slot for balanced analog changeover

For added security, main and reserve Mentor RG units may be deployed with the MasterMind auto changeover to create a highly resilient master generator solution.

Description

MasterMind's modular design allows it to be scaled to suit specific requirements. Inputs may be analog, digital or a mix with the changeover effected manually or by auto detection. An internal buzzer may be activated to indicate changeover action, or alternatively, alarm status may be activated remotely via the GPI interface.

The base system allows various option cards to be selected to match the user's application. Option cards are either capable of monitoring and switching on detection of an error, such as the Black Burst card, or will changeover only (controlled by the other monitor cards). Up to two 3-channel relay cards can be fitted, allowing switching of unbalanced auxiliary signals. In addition, up to five other option boards may be fitted to service additional BB, SD/HD, TLS, AES, LTC and audio signals as required. One slot is reserved for the AES (or LTC) detector card, with a further slot dedicated to the 5-channel balanced relay card. A GPIO connector is fitted as standard.

Black Burst

The Black Burst card monitors sync and burst levels. It also can be used as detection of an unlocked subcarrier/sync relationship.

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Technical Specifications

Power
Nominal 90-260 VAC. 47-63Hz
40 VA fully equipped
IEC mains connector with retainer

Dimensions
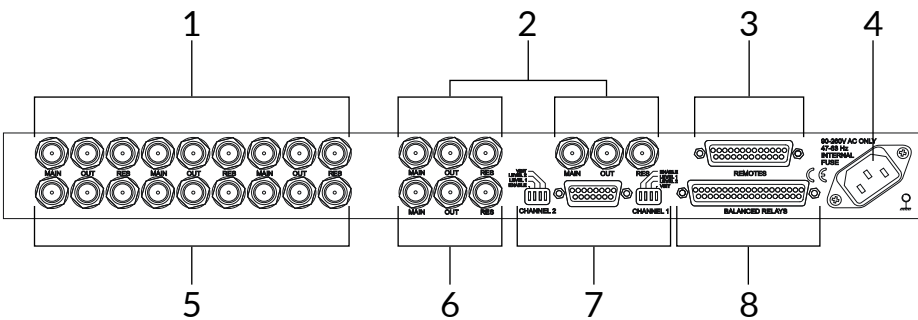1.75 x 19 x 17.1 in (HxWxD)
(44 x 483 x 435 mm)

Weight
12.13 lbs (5.5 kg) max

Front Panel

Back Panel

Legend

Front Panel

1. Status LEDs
2. Front Door Screws

Back Panel

1. Triple Relay Changeover (Optional)
2. SD/HD, Black Burst, Tri-Level Monitor/Changeover (Optional)
3. GPIO (Standard)
4. Power Connector (Standard)
5. Triple Relay Changeover (Optional)
6. SD/HD, Black Burst, Tri-Level Monitor/Changeover (Optional)
7. AES (or LTC) Monitor Changeover (Optional)
8. 5-Channel Balanced Relay Changeover (Optional)

Order Codes

330-00-08: MasterMind Changeover Base System

Optional Module Cards:
330-07-00: Triple Relay Changeover Card
330-08-00: Balanced Relay Changeover Card
330-09-00: AES Audio Monitor & Changeover Card
330-09-01: LTC Monitor & Changeover Card
330-12-00: Black Burst Monitor & Changeover Card
330-12-01: Tri-Level Sync Monitor & Changeover Card
330-11-00: SD/SDI and SD/HDI Monitor & Changeover Card