

FEATURES

- 1 or 2 inputs: 1 input driving 12 outputs or 2 inputs each driving 6 outputs
- Output banks are selectable AC or DC coupled
- Universal worldwide AC power
- Dual isolated output banks
- Green power LED on front panel
- Steel chassis in rust resistant black powder coat
- Adjustable gain control



SPECIFICATIONS

Inputs

- > RF
 - Frequency 0 Hz – 20 MHz
 - Level 1 V rms [15 dBm max]
 - Impedance 50 Ω
 - Isolation A to B >85 dB
- > Pulse /DC IRIG Time Code
 - Frequency 1PPS to 10 MPPS
 - Level 0-7V p-p
 - Duty Cycle 0 to 100%
 - Impedance 50 Ω
- > AM IRIG Time Code
 - Frequency 1 PPS to 10 MPPS
 - Level 0-6 V p-p
 - Modulation Frequency Up to 1 MHz
 - Code Format Any IRIG format, IEEE 1344, NASA 36, 2137, XR3
 - Impedance 50 Ω

Physical

- > Weight: 1.0 lb (0.5 kg)
- > Size: 16.9w x 1.7h x 4.5d in (43w x 4.31h x 11.5d cm)

Power

- > International IEC 90-240 VAC, 50/60 Hz
- > Power Consumption: <15W

Outputs

- > RF
 - Frequency 0 Hz – 20 MHz
 - Level 1 V rms [15 dBm max]
 - Gain 0 dB to 12 dB trimable
 - Harmonic <-40 dBc
 - Non-harmonic <-80 dBc
 - Non-harmonic <-80 dBc
 - Load Impedance 50 Ω
- > Pulse /DC IRIG Time Code
 - Duty Cycle 0 to 100%
 - Rise Time < 20 ns
 - Fall Time < 20 ns
 - Skew < +2 ns
 - Load Impedance 50 Ω
- > AM IRIG Time Code
 - Frequency 1 PPS to 10 MPPS
 - Modulation Frequency Up to 1 MHz
 - Code Format Any IRIG format, IEEE 1344, NASA 36, 2137, XR3
 - Load Impedance 50 Ω

Operating Parameters

- > Temperature: 0 to 60°C
- > Humidity: Up to 90% (non-condensing)

Compliance

- > FCC, CE Marked, ROHS, ANSI

MASTERCLOCK, INC.

5-YEAR LIMITED PARTS & LABOR WARRANTY

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