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TAPECASTER STATIONMASTER



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MODEL

10006



STATIONMASTER

The **STATIONMASTER** represents a breakthrough in state-of-the-art technology and performance available in cost effective on-air consoles.

The circuitry and approaches to human interface are products of extensive technical research. Advanced manufacturing techniques, quality components, and attention to detail provide superior

performance and consistent dependability.

The **STATIONMASTER** fulfills the most demanding requirements of the Broadcast Professional seeking affordable solutions to high tech problems.

Simply put, the **STATIONMASTER** offers today's premium value for the tough minded, profit oriented decision maker.

MODEL

10008



DUAL STEREO AIR CONSOLE

- Any Input may be Stereo or Mono
- Mono Inputs may be field upgraded to Stereo
- Mono Inputs may be Line or Mic source
- All Input switching is D.C. logic controlled
- Three source selections for each input
- Each Input has machine control logic which follows source selection
- Advanced ergonomic design
- Built-in talk back intercommunication to studio
- No internal transformers
- Plus 24dBm output
- 6, 8, 12 and 16 Input Mainframes
- Plug-in circuit board technology
- All input levels VCA controlled
- Two Stereo plus Two Mono Outputs

PERFORMANCE SPECIFICATIONS

MICROPHONE INPUTS

Input Impedance: 20K ohms, active balanced differential
Nominal Input Level: -66dBv to -35dBv (ref. 0.775V rms)
Equivalent Input Noise: -129dBv, 20Hz to 20KHz at 58dB of gain with 150 ohm input termination
CMRR: > 75dB 20Hz to 20KHz at 58dB gain

LINE INPUTS

Input Impedance: > 40K ohms, active balanced differential
Nominal Input Level: +4dBv
CMRR: > 55dB 20Hz to 20KHz

STEREO HEADPHONE OUTPUT

Load Impedance: 8 ohm or greater per channel
Output Level: 1 watt rms per channel

CUE OUTPUT

Output Level: 2 watts rms into built-in speaker

STEREO PROGRAM, AUDITION, AND MONO OUTPUTS

Output Impedance: < 60 ohms, transformerless, balanced and floating
Nominal Output Level: +8dBm = 0 VU (ref: 0.775V rms)
Maximum Output Level: +24dBm (clipping at +26dBm)

MONITOR OUTPUT

Output Impedance: < 200 ohms, active balanced differential
Nominal Output Level: 0dBm, maximum +18dBm designed to drive external stereo power amplifier

OVERALL (All measurements referenced to +8dBm Output Level)

Frequency Response: 20Hz to 20KHz +0, -0.5dB, Mic or Line Input to Program or Audition Output

Signal to Noise Ratio: Microphone In to Program or Audition Output:

> 78dB with 150 ohm source impedance, 20Hz to 20KHz at nominal gain settings

Signal to Noise Ratio: Line In to Program or Audition Output:

> 90dB, 20Hz to 20KHz, at nominal gain settings

Distortion (THD + N):

Microphone or Line In to Program or Audition Output < 0.05% at +18dBm Output Level

Distortion (IM SMPTE Method)

Microphone or Line In to Program or Audition Output < 0.05% at +18dBm Output Level

Crosstalk

Any Input to any Output including Left to Right Stereo or Reverse: 1KHz, -75dB, 15KHz, -58dB

MAINS POWER REQUIREMENT

120/240 VAC \pm 10%, 50/60Hz. Separate fully regulated rack mount power supply.

DIMENSIONS

Depth: All Models front to back — 18.25 inches

Width: Model 1006, six input, 28 inches

Model 1008, eight input, 34.5 inches

Model 1012, twelve input, 47.25 inches

Model 1016, sixteen input, 53.75 inches

Specifications subject to change without notice. All above specifications taken on an 8 input console, other configurations will differ accordingly. TapeCaster reserves the right to change specifications for product improvement without incurring obligation to incorporate such changes into previously manufactured products.

TAPECASTER

HOT LINE

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