Millenium Hybrid Broadcast Consoles

Our "Hybrid Analog&Digital" Consoles offer the best of both worlds with dependable analog circuitry plus dual digital outputs for Program and Audition buses and high-resolution LED metering.

Famous StudioHub+ connectivity on all inputs and outputs ensure fast plug-and-play installation.

Radio Systems’ Millenium Hybrid Broadcast Consoles are a superb value. Thousands of RS Series Consoles have been sold since they were introduced 15 years ago, and today the Millenium Series carries on this tradition with enhanced capabilities and dramatic new styling. Take a hard look at Millenium broadcast consoles. They offer a dazzling combination of superb specifications, sleek modern styling and a wide range of features—all at unexpectedly low prices!
Radio Systems

Radio Systems

Rugged, stand-alone switching power supply provides fusing and LED indication for all power rails. 95 to 220VAC operation.

Millenium Consoles are the industry's easiest to wire and service. The unique open parts and wiring layout is due to total DC and VCA control.

StudioHub+ RJ-45 connectors for plug-and-play wiring via standard CAT-5 cabling.

Specifications

Models available
- RS-6H: 6 channel
- RS-12H: 12 channel
- RS-18H: 18 channel

Audio Inputs
Type: differentially balanced instrumentation amplifiers with gain set jumpers and selectable input attenuators Level: jumper selectable gain settings to accommodate nominal input levels from -60 dBm to +10 dBm. Maximum input level: +22 dBm Impedance: 20K ohms or jumper selected
Headroom: 22 dBm at any level
RJ-45 “StudioHub+” Connectors

Analog Line Outputs
Type: actively balanced
Level: adjustable 0 dBm to +10 dBm, maximum output +22 dBm
Impedance: 100 ohms
Distortion: .008% at nominal operating level, 20 Hz to 20 kHz, Pgm, Aud and Mono outputs
Signal to noise: 88 dB (or better) below +4 dBm with 0 dBv input level, 20 kHz bandwidth, 600 ohm source impedance (line to line) 74 dB (or better) below +4 dBm output with -50 dBv input level, 20 kHz bandwidth, 150 ohm source impedance (mic to line) Frequency response: +/- .2 dB 20 Hz to 20 kHz
RJ-45 “StudioHub+” Connectors

Digital Line Outputs
- Signal Format: AES-3
- Signal Compliance: 24 bit
- Output Sample Rate: 48 kHz / 44.1 kHz / 32 kHz - Crystal Selected
- Digital Reference: Crystal (internal)
- Conversions: A/D 24-bit, Delta-Sigma, 256x oversampling
- RJ-45 “StudioHub+” Connectors

Monitor Sends
- Level: 1 volt rms nominal, 10 volts rms maximum, balanced
- RJ-45 “StudioHub+” Connectors

Headphone Output
- Level: 1 volt rms nominal, 10 volts rms maximum into 600 ohm headphone
- Distortion: .05% typical, .1% maximum
- Impedance: 50 ohms to front panel jack, 330 ohms to pre-fader (external amp) output

Cue Output
- 2 watts rms into 8 ohm speaker

Dimensions
- All consoles are 27 inches deep and 9 inches tall
- 6 channel: 20.75 inches long
- 12 channel: 32.75 inches long
- 18 channel: 44.75 inches long

Available Options
- Selector logic card
- Enhanced remote interface card
- Intercom Card
- Four source switcher card
- DA Mixer
- Four output mix-minus boards
- IFB switcher
- Colored fader knobs

Available Accessories
- Copy stand
- StudioHub+ Harness
- Source cables - specify type
- Spare power supply
- Auxiliary relay

Warranty
- 2 years parts and service
- Specifications subject to change without notice

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