



## Specifications

### Input/Output

**Analog Input Type:** Stereo, balanced bridging  
**Maximum Analog Input Level:** +28 dBu  
**Input Common Mode Rejection:** >40 dB @ 1 kHz  
**Digital Input Type:** AES3  
**Analog Output Type:** Stereo, electronically balanced  
**Maximum Analog Output Level:** +28 dBu into 100k  $\Omega$   
**Digital Output Type:** AES3

## Performance Data

**Frequency Response:** 20 Hz to 20 kHz\*,  $\pm 1$  dB @ +4 dBu output  
**Harmonic Distortion:** less than 0.01% with +4 dBu input, +4 dBu output, 40 second delay and a 1 kHz test signal.  
**Maximum Delay:** 40 seconds  
**Dynamic Range:** A/D -108 dB (A-weighted)  
**Dynamic Range:** D/A -115 dB (A-weighted)  
**A/D and D/A Conversion:** 24-bit sigma delta  
**Internal Sample Rate:** 48 kHz  
**External Digital Sync Range:** 30 to 50 kHz, AES3 and Work Clock

### CONNECTORS

**Input Connectors:** XLR (Analog and Digital Audio); BNC (Word Clock, ESE time code); D-sub 25 (Remote Control and Automation); D-sub 9 (RS-232); Euro (RS-485)  
**Output Connectors:** XLR (Analog and Digital Audio); BNC (ESE Time Code)

### PHYSICAL

**Size:** (HxWxD) 1 rack unit,  
1.72 in. x 19 in. x 8.2 in. (4.37 cm x 48.30 cm x 17.15 cm)  
**Shipping Weight:** 8 lbs. / 3.64 kg  
Electrical  
**Power Requirements:** 100 to 240 VAC, 50 Hz to 60 Hz, 25 Watts

### ENVIRONMENT

Maximum operating ambient temperature: 30° C.

\*NOTE: A high pass filter is engaged during build and exit modes when using the gap detector gap detect+catchup algorithms. During build and exit modes when using either of these algorithms, the frequency response will be down about -3 dB at 100 Hz.

## Add An Airtools RC-6000 Remote Control To Your Broadcast Delay



With the 6000 in the rack and an **RC-6100** on the desk, you can double the chances of catching unwanted comments from reaching the airwaves.

