



# INTONATO|24

Monitor Management Tuning System



## Operation Manual

## Specifications

### INPUTS

Total Simultaneous Inputs: 24 (selectable among the available 24 analog, 24 AES3, and 24 BLU link input channels)

### ANALOG INPUTS

Connectors: 3 female 25-pin D-Sub connectors  
Type: Electronically balanced, RF filtered  
Impedance: > 48 k $\Omega$  balanced, > 24 k $\Omega$  unbalanced  
Input Sensitivity: Selectable in software per D-Sub connector: -10 dBV with 18 dB of headroom, +4 dBu with 20 dB of headroom, +8 dBu with 24 dB of headroom  
Max Input Level: +28 dBu,  $\leq$ 0.008% THD  
CMRR: > 47 dB @ 1 kHz  
Ground Lift: Switchable per D-Sub connector

### AES3 DIGITAL INPUTS

Connectors: 3 female 25-pin D-Sub connectors  
Type: Electronically balanced, transformer coupled RF filtered  
Impedance: 110  $\Omega$   
Sample Rate Conversion: Selectable in software for AES Input C only

### MIC INPUT

Connector: Female XLR  
Type: Electronically balanced, RF filtered  
Impedance: > 1.5 k $\Omega$ , balanced  
CMRR: > 70 dB from 20 Hz to 20 kHz  
Phantom Power: +48 VDC  
Gain: 30 dB fixed

### WORD CLOCK INPUT

Connector: BNC  
Supported Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz  
Tolerance:  $\pm$ 50 ppm max

### OUTPUTS

Total Simultaneous Outputs: 24 analog outputs (analog outputs can be mirrored to assignable BLU link output channels)

### ANALOG OUTPUTS

Connectors: 3 female 25-pin D-Sub connectors  
Type: Electronically balanced, RF filtered  
Impedance: 60  $\Omega$  balanced, 30  $\Omega$  unbalanced  
Max Output Level: +24 dBu, balanced,  $\leq$  .006% THD

### A/D PERFORMANCE

A/D Converter: 24-bit  
A/D Dynamic Range: 114 dB A-weighted

### D/A PERFORMANCE

D/A Converter: 24-bit  
D/A Dynamic Range: 115 dB A-weighted