6301N Series Active Monitor



Main Features

- 20W D-class power amplifier for higher output level and less power consumption with no heat sink
- Dedicated 4-inch full range driver for clear audio reproduction
- Flat panel design to avoid inadvertent power-off or level change
- Auto Stand-by mode (compliant to ErP directive) for energy saving

Model 6301-series have been on the market since 1982 as the standard active monitor speaker in the broadcast and production facilities and now we have re-design the speakers with the latest D-class power amplifier and new driver unit featuring energy saving “auto stand-by” function.





In Detail

- 20W D-class power amplifier for higher output level and less power consumption with no heat sink
- Dedicated 4-inch full range driver for clear audio reproduction
- Traditional rugged enclosure of aluminum die-cast with the physically identical height and width to the current B-series
- Flat panel design to avoid inadvertent power-off or level change
- Auto Stand-by mode (compliant to ErP directive) for energy saving
- Detachable IEC type power inlet with multi-voltage power handling
- Newly designed mounting bracket (EB-6301) for wall mounting with variable angle adjustments

Specifications

SPEAKER SECTION

Enclosure type: closed
Unit: 4" full range
Frequency response: 70 Hz – 15k Hz
Sound Pressure Level: 85dB / W (1m)
Maximum SPL: 98dB

AMPLIFIER SECTION

Inputs

All Models: Connector: 1/4” TS Phone (unbalanced)
Input Impedance: 10k ohm or more
6301NX Connector: XLR-3-31 (transformer balanced)
Input Impedance: 10k ohm or more

Output (Thru)

6301ND Connector: XLR-3-32 (IEC 60958 AES/EBU)

Rated output: 20W
Distortion (T.H.D.): 0.05% (1kHz / 1W output)
Residual Noise: -70dBV or less (NB/NE/NX). -65dBV (DT)
-65dBV or less (ND)
Input Sensitivity: 1/4” TS phone: -14dBV (0.2Vr.m.s.)
XLR: +4dBu (1.2Vr.m.s.)
XLR(Digital): -12dBFS
Auto Stand-by: active after approx. 25 min. of continuous input lower than the threshold level

GENERAL

Dimensions: 120 (W) x 189 (H) x 120 (D) mm
Weight: NB/NE/ND: 2.2kgs
NX/DT 2.3kgs
Power Requirement: AC 100 – 240V (50/60Hz)
Power Consumption: 10W (less than 0.5W in stand-by mode)

More info here ...