

Electro Voice – XLE Line Array and Tour Grade amps



XLE

The XLE181 is a 2-way design using the same 8" neodymium LF/MB transducer as the XLD281 and the same dual ND2S HF driver combination with a 120° x 10° waveguide coverage. With less than 18 kg (40lbs) per unit the XLE offers a powerful, very compact solution for sound reinforcement applications with limited space and/or load capacity. The XLE181 can be used in bi-amp mode or full range using a sophisticated internal passive network. Designed for the use in arrays of four and more elements, the XLE181 delivers full bandwidth audio with precise, predictable coverage control. The integrated rigging is simple to use and quickly provides uncompromised line array performance.

TG5

Tour Grade amplifiers have a microprocessor controlled operation management system that provides useful features such as compound thermal management (preventing amps from switching off in excessive thermal environment) and automatic mains voltage detection.

Tour Grade amplifiers use a grounded bridge 3-step class-H topology to ensure the highest acoustic performance and reliability. The TG Series also offers the power and transient response to drive subwoofers along with the low distortion for critical HF signals. The high capacity switchmode power supply provides the headroom needed to ensure high dynamic outputs and reliable operation on extreme low loads.

TG5 Specifications

Amplifier Gain (dB)
Continuous rated power (1k Hz, THD 1%) 2Ω
Continuous rated power (1k Hz, THD 1%) 4Ω
Input Impedance (balanced)
Continuous rated power (1k Hz, THD 1%) 8Ω
Continuous rated power
(20-20k Hz, THD<0,2%) 4Ω
Continuous rated power
(20-20k Hz, THD<0,2%) 8Ω
Maximum bridged output 4Ω
Maximum bridged output 8Ω
Slew Rate
Control Protocol
Electronics Type
Network Control (IRIS-Net)
Total harmonic distortion
Intermodulation Distortion (SMTPE)
DIM 30
Signal-to-noise ratio (A-weighted)
Input Sensitivity
Weight Net
Dimensions (HxWxD)

41.5dB, 35dB, 32dB (switchable)
1900 Watts
1450 Watts
20 kΩ
850 Watts

1200 Watts

600 Watts
3800 Watts
2900 Watts
< 30 V / μs
CAN-Bus (with RCM 26 module)
Amplifier
Optional
< 0.05 %
> < 0.05 %
< 0.02 %
< 109 dB
0 dBu / 6 dBu / 9 dBu (switchable)
14.2 kg (31.31 lbs)
88.1 x 483 x 512 mm
(3.47" x 19.02" x 20.16")

XLE181 Specifications

Frequency Response (-3dB)
Frequency Response (-10dB)
Max. SPL / 1m (calc); full space
Coverage (nominal -6dB) H°
System Power Handling (continuous/program/peak)
Low Frequency Power Handling (continuous/program/peak)
High Frequency Power Handling (continuous/program/peak)
LF Transducer
HF Transducer
Nominal Impedance (Passive)
LF Nominal Impedance
HF Nominal Impedance
Color
Flying
Flying
Input Connections
Outdoor
Chassis Size
Internal Crossover
Speaker Type
Weight Net
Dimensions (HxWxD)

90 - 18000 Hz
75 - 20000 Hz
138 dB
120 °
200/400/800 Watts
200/400/800 Watts
80/160/320 Watts
DVN2080
ND2
16 Ohms
16 Ohms
16 Ohms
Black
Included
Yes
2 Neutrik® NL8
No
8 inches
Selectable
Line Arrays, Mid-High, Two-Way
17.2 kg (37.92 lbs)
516 x 251 x 369 mm
(20.31" x 9.88" x 14.53")



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