

# XTDS15 XTDS15/A Deflector Line



## professional subwoofers

### GENERAL INFORMATION

Band-pass subwoofers for low notes reproductions. Suitable for use in very powerful multi-amplified professional systems.

### COMPONENTS

The XTDS15 subwoofer includes a 15" neodymium woofer with an enameled copper coil to ensure maximum resistance to thermal overloads. The membrane is water-repellent, resistant to extreme conditions of humidity and temperature. The drop-forged aluminium basket is equipped with a thermal heat sink.

### CABINET

The XTDS15 enclosure is made of birch plywood with high density and structural rigidity. The development and the loading section have been optimized according to the loudspeaker parameters to guarantee the maximum total efficiency and response extension. XTDS15 is supplied with crash-resistant protection grids and is lined with an anti-dust and sound transparent sponge.

### VERSIONS

XTDS15/A is the self-powered version with DSP (*Digital Signal Processor*) complete with a software designed for managing functions such as gain, EQ, delay, limiter, etc... and to store 4 selectable presets.

### TECHNICAL FEATURES

System configuration (XTDS15)	<b>subwoofer</b>
System configuration (XTDS15/A)	<b>active subwoofer</b>
Power handling RMS	<b>1000 W</b>
Power handling Music	<b>2000 W</b>
Power handling Peak	<b>4000 W</b>
Frequency response (-3 dB)	<b>40÷200 Hz</b>
Nominal impedance (XTDS15)	<b>8 Ohm</b>
Axial sensitivity (1W@1m)	<b>98 dB</b>
Continuous SPL (@1m)	<b>128 dB</b>
Peak SPL (@1m)	<b>134 dB</b>
Recom. frequency cut (XTDS15)	<b>100 Hz</b>

### Amplifier data (XTDS15/A)

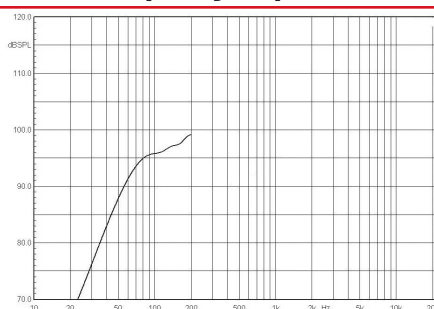
Input	<b>max +10 dBu - XLR, loop output</b>
Front panel indicators	<b>LED: power, signal/limit</b>
Input impedance	<b>5.5 kOhm unbal., 11 kOhm bal.</b>
DSP Processing	<b>24 bit/96kHz (4 select. preset)</b>
Output power rating (LF)	<b>1600 WRMS @16Ohm - class D</b>
THD	<b>&lt;0.05% @1 kHz -3 dB output</b>
AC power connector	<b>Neutrik PowerCon</b>
AC voltage	<b>115/230 V ~ 45/65 Hz ± 10%</b>

### Transducers

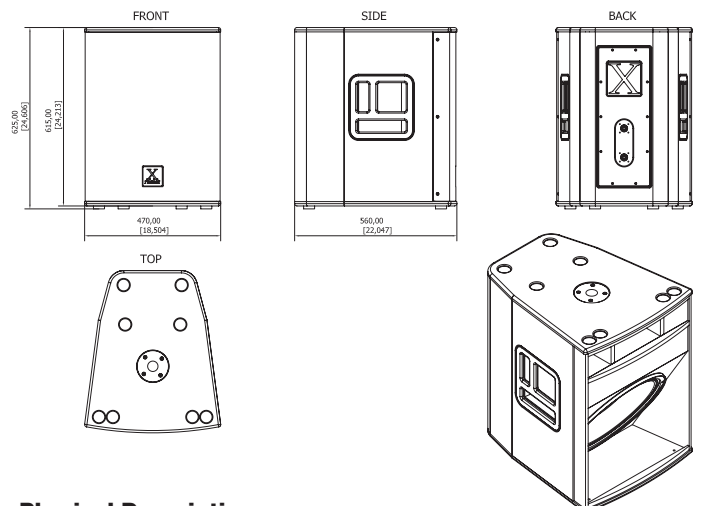
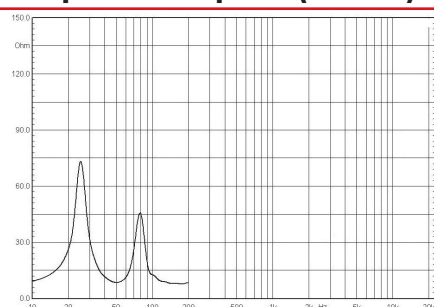
LF sub system	<b>1x15" neodymium</b>
Nominal impedance	<b>8 Ohm</b>
Nominal power handling	<b>1000 W</b>
Sensitivity (1W@1m)	<b>97 dB</b>

All measurements have been taken in the Sound Corporation research laboratories.

### Frequency response



### Impedance response (XTDS15)



### Physical Description

Input connectors (XTDS15)	<b>2xNL4FC speakon</b>
Cabinet	<b>birch plywood</b>
Finish	<b>HDSC™</b>
Dimensions (WxHxD)	<b>470x615x560 mm</b>
Net weight (XTDS15)	<b>30.5 kg</b>
Net weight (XTDS15/A)	<b>32 kg</b>

In compliance with European Standards - Certified by Italian Quality Institute

**X - T R E M E**