

Multi Purpose Sound System - digitally powered **TSM 15 dp**



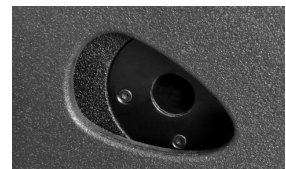
The TSM 15 dp is a multi-functional high-end loudspeaker system featuring integrated digital amplifier electronics with 1000 / 350 Watt AES power and a DSP Controller. The 15" Neodym / 1.4" Neodym driver are each driven by a separate amplifier channel. A range of factory-configured presets and volume settings can be selected. It has been optimised for use as a monitor, however the rotatable horn makes the TSM 15 dp equally suited to classic fullrange sound reinforcement applications, either vertically or horizontally mounted. A wide range of possibilities for mounting flying accessories make the TSM 15 dp an interesting option for permanent installations.

PRODUCT SPECIFICATIONS

Speaker Components	15" Nd / 1.4" Nd
Description	Multi Purpose Sound System
Amp Power	LF: 1000 W AES / 110-230 V HF: 350 W AES / 110-230 V
Rated Current	0,95 A @ 230 V
SPL <small>Peak @ 1 m</small>	131 dB
Max. Input Signal	25 dBu
DSP	HDLM FPGA Processing 32 bit floating point
AD / DA	24 bit / 96 kHz
Latency	0,8 ms (analog in to analog out)
Usable Range	45 Hz - 18 kHz (-6 dB)
Tuning Frequency <small>excursion minimum</small>	50 Hz
X-Overpoint <small>acoustical</small>	Depends on preset
Coverage <small>horizontal / vertical</small>	90° x 60° - rotatable 60° x 50° - rotatable (optional)
Max. Splay Angle	- - -
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out
Handles	2 x
Rigging / Fittings	3 x M10 / 6 x M8 35 mm pole mount
Weight	27 kg
Size <small>height x width x depth</small>	69,8 x 45,0 x 41,0 cm
Order No.	00950/II/9060/dp (90° x 60°-version) 00950/II/6050/dp (60° x 50°-version)



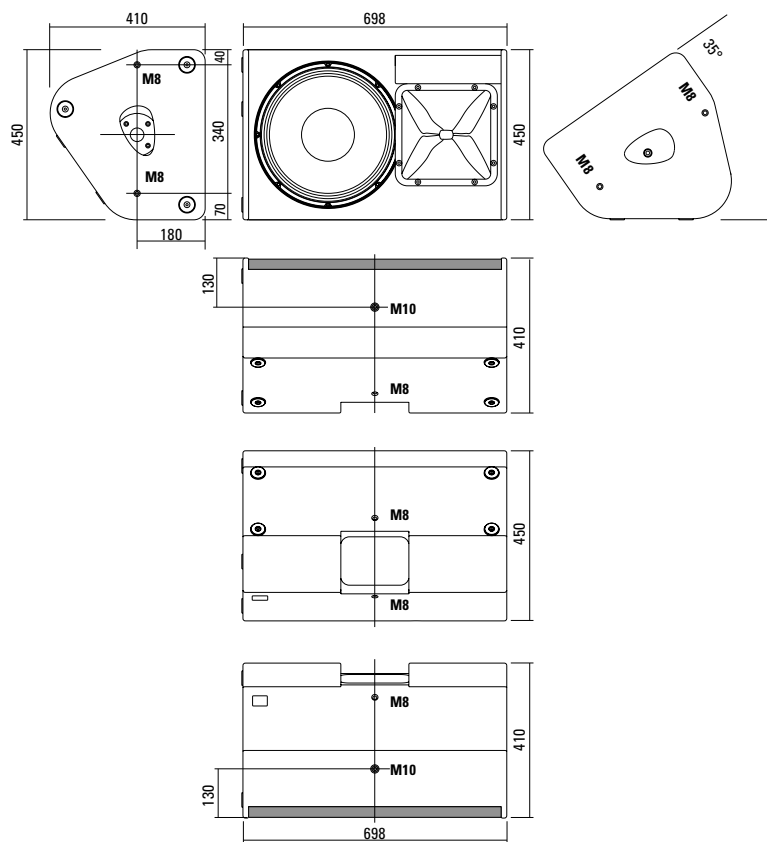
The TSM 15 dp can be fitted with a narrower horn with a coverage angle of 60° x 50°.



The 35 mm threaded stand socket is integrated in the carrying handle.

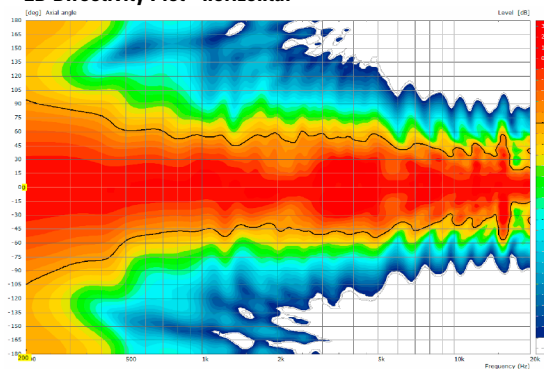


DIMENSIONS

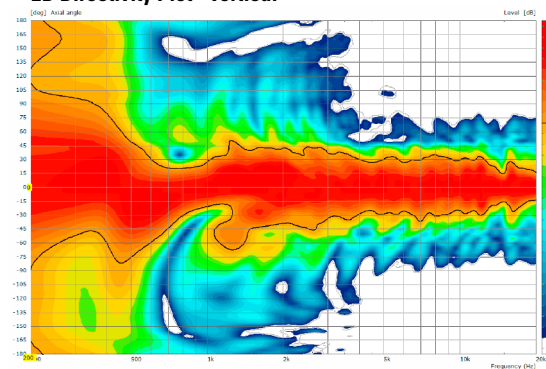


COVERAGE PATTERNS

2D Directivity Plot - horizontal



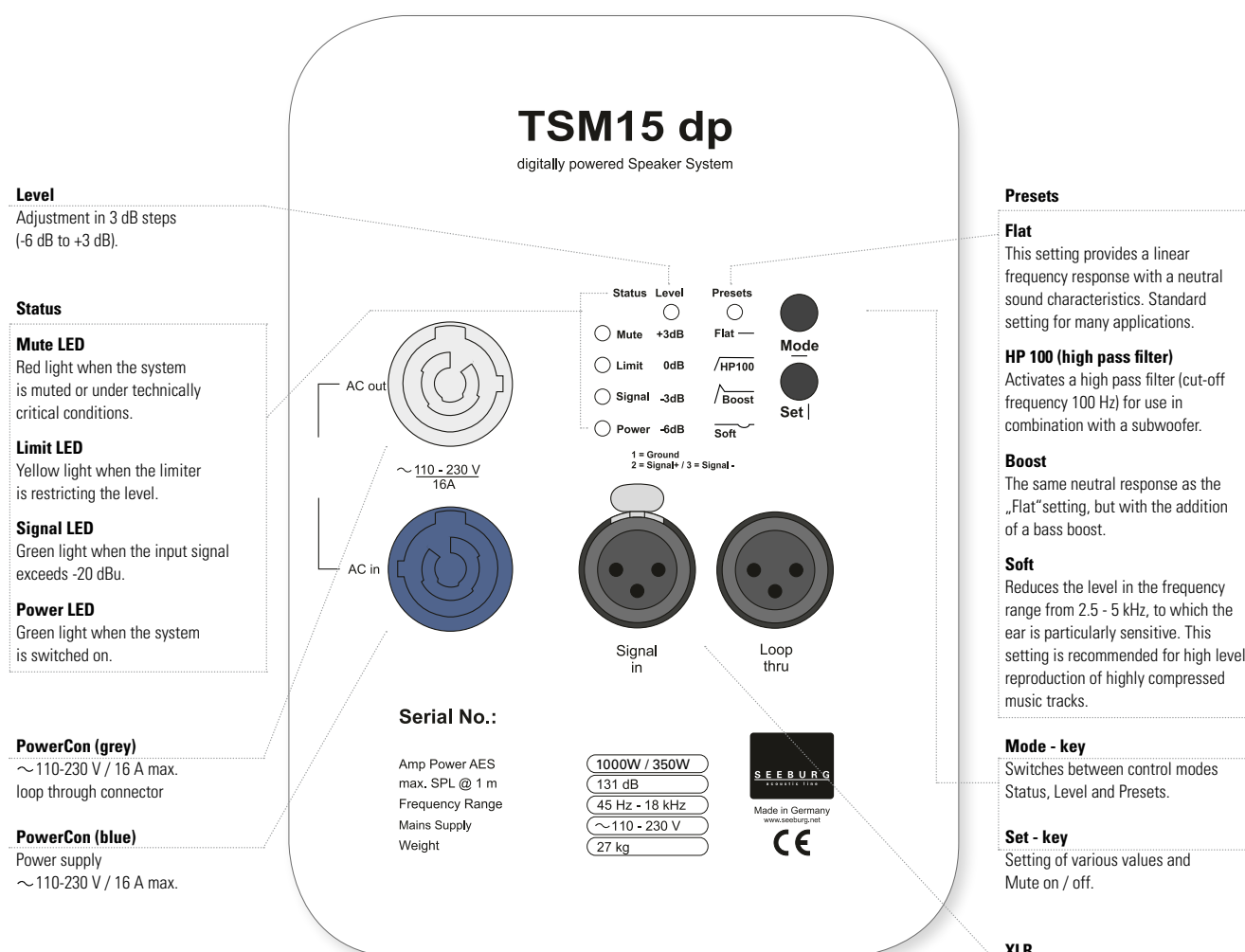
2D Directivity Plot - vertical



The TSM 15 dp features integrated digital amplifier electronics with a DSP controller. Various factory-configured presets and volume settings can be selected.

High-grade electronic components from the industrial sector and a first-class circuit design ensure excellent audio quality with low distortion and a minimal noise floor.

Highly efficient and "intelligent" limiter systems ensure optimum protection against overload, without restricting the possibilities offered by this high-performance sound system.

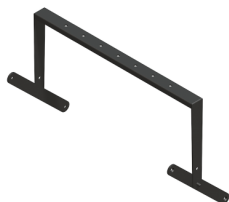


Flying Bracket



for TSM 15 / A 8 / F 8
incl. screws
(per unit: 2 pcs. M10 x 30 adjustable
handle screws with axial bearing)
Order No. **01217/set**

Flying Bracket



for TSM 15 / A 8
horizontal alignment, incl. screws
(per unit: 2 pcs. adapters, M10 hex
lock nuts, flat- and rubber washers)
Order No. **01217/H/set**

Handle Screw



for flying brackets,
axial bearing
M10 x 30
Order No. **08374**

Ergostyle Lobe Knob



for flying brackets, M10 x 20,
with grip, adjustable
Order No. **08171**

Rubber Washer



for flying brackets,
40 mm
Order No. **01205**

Flange



35 mm Ø → M10,
Order No. **08126**

Doughty Quick Trigger Clamp



max. load 250 kg
Order No. **01223/250 kg**

Ring Screw



M10– DIN 580
Order No. **73700**

TV Spigot



10 mm internal thread,
28 mm Ø
Order No. **08128**

Steel Safety



4 mm x 600 mm, black,
max. load 10 kg (BGI 810-3),
quick connector undetachably
Order No. **01376/4**

Chain Fastener



VBS 7 mm
Order No. **01378**



ACCESSORIES TSM 15 dp

Wall Mount



for U-brackets, max. load 40 kg,
incl. screws
(M10 x 70 mm socket head screw,
M10 hex lock nut and flat washer)
for 15" speakers
Order No. **08130/F/400**

Wall Mount



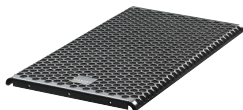
with tilt unit, max. load 40 kg
Order No. **08130**

Speaker Stand



K&M, incl. wind up,
height 138,5 to 218 cm,
max. load 50 kg,
Order No. **03011**

Honeycomb Grille



for TSM 15 front grille version,
for replacement, foam behind
Order No. **97075/hex/compl.**

Hybrid Cable System



PowerCon-PowerCon / XLR-XLR

5 m Order No. **08464**
10 m Order No. **08466**
15 m Order No. **08468**

Cover



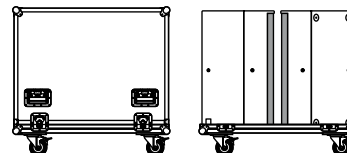
for TSM 15 / A 8,
padded
Order No. **01240**

Rain Cover



for TSM 15 / A 8,
Order No. **01240/outdoor**

Flight Case



for 2 pcs. TSM 15 / A 8 / A 8 Sub,
heavy duty, 9,0 mm birch multiplex,
PVC coated, 6 x recessed sprung
handles, 4 x butterfly catches, 4 x 100
mm blue wheels, 2 pcs. with brake,
interior lined with felt.
Order No. **16012/pro**

