The TSM 10 dp is a multifunctional top class system in compact format with an integrated digital amplifier providing 500 / 150 Watt AES of power an DSP control. A range of factory-configured presets and volume settings can be selected. The TSM 10 dp is as equally well suited to use as a full range / HiMid loudspeaker as it is to monitor applications.

PRODUCT SPECIFICATIONS

Speaker Components	10" Nd / 1"
Description	Multi Purpose Sound System
Amp Power	LF: 500 W AES / 110-230 V HF: 150 W AES / 110-230 V
Rated Current	0,5 A @ 230 V
SPL Peak @ 1 m	126 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	60 Hz - 19 kHz (-6 dB)
Tuning Frequency excursion minimum	68 Hz
X - Overpoint acoustical	Depends on preset
Coverage horizontal / vertical	90° x 60° - rotatable
Max. Splay Angle	- - -
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out
Handles	1 x
Rigging / Fittings	3 x M10 / 6 x M8 35 mm pole mount
Weight	14,5 kg
Size height x width x depth	51,5 x 32,4 x 29,5 cm
Order No.	**00960/dp/II**

Ergonomically formed handle on the top surface.

Front grille version.

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The TSM 10 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.

Level
Adjustment in 3 dB steps
(-6 dB to +3 dB).

Status

Mute LED
Red light when the system is muted or under technically critical conditions.

Limit LED
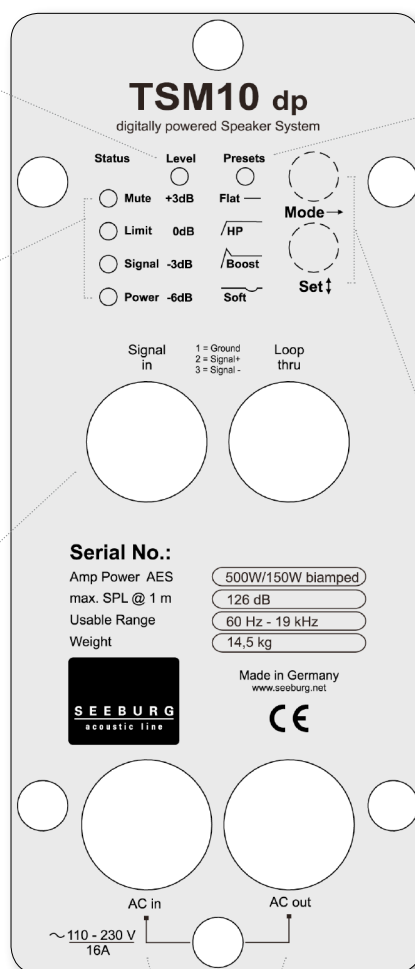Yellow light when the limiter is restricting the level.

Signal LED
Green light when the input signal exceeds -20 dBu.

Power LED
Green light when the system is switched on.

XLR
Symmetrical analog input
max. Input +25 dBu.
Effective filter protection against HF interference and DC Voltages.
Electronically balanced to prevent noise.

TSM10 dp
digitally powered Speaker System

Status	Level	Presets
Mute	+3dB	Flat —
Limit	0dB	/HP
Signal	-3dB	/Boost
Power	-6dB	Soft

Mode ▸

Set ↕

Signal in

1 = Ground
2 = Signal+
3 = Signal -

Loop thru

Serial No.:

Amp Power AES	500W/150W biamped
max. SPL @ 1 m	126 dB
Usable Range	60 Hz - 19 kHz
Weight	14,5 kg

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Made in Germany
www.seeburg.net
CE

AC in

AC out

∼ 110 - 230 V
16A

Presets

Flat
This setting provides a linear frequency response with a neutral sound characteristics. Standard setting for many applications.

HP
Switches in a high pass filter for use in combination with a subwoofer.

Boost
Similar to the „Flat" preset, but with increased low end response.

Soft
Reduces the level in the frequency range from 2.5 - 5 kHz, to which the ear is particularly sensitive. This setting is recommended for high level reproduction of highly compressed music tracks.

Mode - key
Switches between control modes:
Status, Level and Presets.
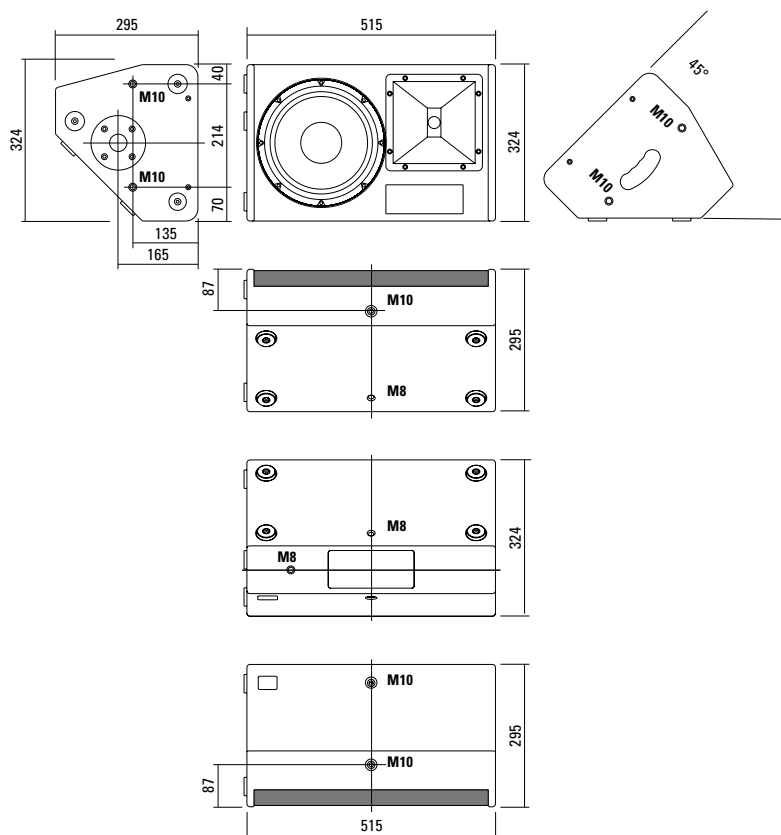
Set - key
Setting of various values and Mute on / off.

PowerCon (blue)
Power supply
∼ 110-230 V / 16 A max.

PowerCon (grey)
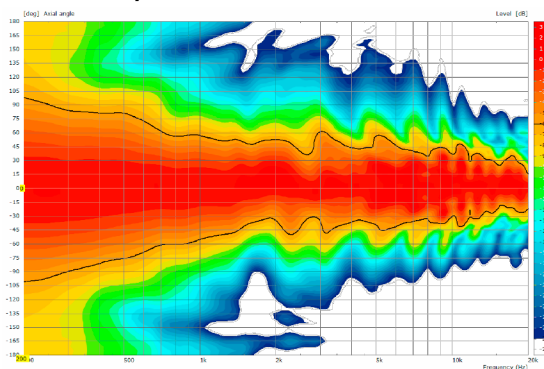∼ 110-230 V / 16 A max.
loop through connector.

COVERAGE PATTERNS
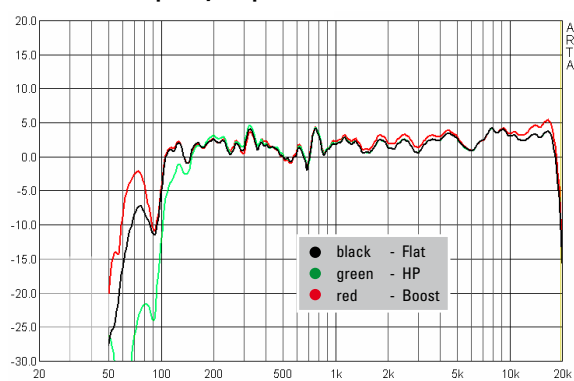
2D Directivity Plot - horizontal

Presets - Frequency Response

black - Flat
green - HP
red   - Boost

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Flying Bracket

for TSM 10/ A 4 horizontal alignment,
incl. screws
(per unit: 2 pcs. adapters, M10 hex
lock nuts, flat- and rubber washers)

Order No. **01220/H/set**

Doughty Quick Trigger Clamp

max. load 250 kg

Order No. **01223/250 kg**

Flying Bracket

for TSM 10 / A 4
incl. screws
(per unit: 2 pcs. M10 x 20 ergostyle
lobe knob and rubber washers)

Order No. **01220/set**

Ring Screw

M10– DIN 580

Order No. **73700**

Ergostyle Lobe Knob

for flying brackets,
M10 x 20, with grip, adjustable

Order No. **08171**

TV Spigot

10 mm internal thread,
28 mm Ø

Order No. **08128**

Rubber Washer

for flying brackets,
40 mm

Order No. **01205**

Steel Safety

4 mm x 600 mm, black,
max. load 10 kg (BGI 810-3),
quick connector undetachably

Order No. **01376/4**

Flange

35 mm Ø –> M10,

Order No. **08126**

Chain Fastener

VBS 7 mm

Order No. **01378**

Flange

with ball and socket joint,
with additional locking screw,
M10 x 15, max. load 15 kg

Order No. **08125**

Truss Clamp

incl. M10 Adapter,
max. load 15 kg

Order No. **01221**

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ACCESSORIES TSM 10 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 8"-12" speakers
Order No. **08130/F/269**

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**

K&M, height 137,5 to 218,5 cm,
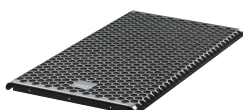max. load 50 kg,

Order No. **03010**

Cover

for TSM 10 / A 4,
padded

Order No. **01242**

Rain Cover

for TSM 10 / A 4
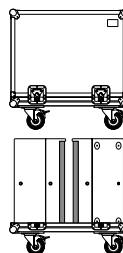
Order No. **01242/outdoor**

Honeycomb Grille

for TSM 10 front grille version,
for replacement, foam behind

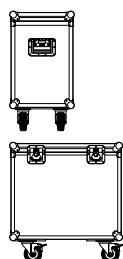Order No. **97079/hex/compl.**

Flight Case

for 2 pcs. TSM 10 / A 4,
heavy duty, 9 mm birch multiplex,
PVC coated, 2 x recessed sprung
handles, 4 x butterfly catches,
4 x 100 mm blue wheels, 2 pcs. with
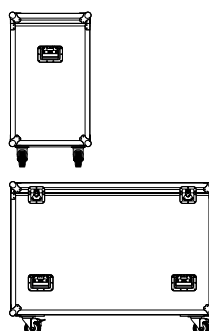brake, interior lined with felt.

Order No. **16049**

Flight Case Trunk

for 2 pcs. TSM 10 / A 4
and accessories, heavy duty,
9 mm birch multiplex, PVC coated,
hinged lid, 6 x recessed sprung handles,
2 x butterfly catches, 4 x 100 mm blue
wheels, 2 pcs. with brake, interior lined
with felt.

Order No. **16060**

Flight Case Trunk

for 4 pcs. TSM 10 / A 4
with flying brackets 01220,
heavy duty, 9 mm birch multiplex,
PVC coated, 6 x recessed sprung
handles, 2 x butterfly catches,
4 x 100 mm blue wheels, 2 pcs. with
brake, interior lined with felt.

Order No. **16063**

Hybrid Cable System

PowerCon-PowerCon / XLR-XLR

2,5 m	Order No. **08462**
5 m	Order No. **08464**
10 m	Order No. **08466**
15 m	Order No. **08468**

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