SW 115D - **SP**





- 1 x 15" subwoofer with integrated driver and amplifier technology and high power-handling capacity
- Bass reflex enclosure in direct radiation design
- Mobile version
- Max. SPL 133 dB (peak / 1 m / half room)

The SW 115D - SP is an active plug-andplay subwoofer and its outstanding power spectrum makes it the ideal bass extension to the passive K&F speakers and the active models of the K&F SP series.

The SW 115D - SP, which is capable of reproducing frequencies as low as 40 Hz powerfully and with precision, was designed for applications requiring high sound pressure levels in the bass frequency range while having modest dimensions and a high degree of mobility: in media and conference rooms, lecture halls, live clubs, as well as theatres, discotheques and exhibition booths. In parallel operation the SW 115D - SP is impressive as part of a high-quality self-powered compact system, separately it can supplement passive K&F full-range systems.

The innovative, fan-free system electronics weigh only 2.5 kg and include the digital 1 kW Class D power amplifier and an elaborate limiter section (RMS and peak limiters). Here too the frequency and phase response as well as the cut-off frequency are defined.

Two butterfly handles, an M 20 adapter for distance rods, stacking feet and corresponding grooves are standard equipment.

With its integrated system electronics the SW 115D - SP sets new standards in terms of both handling and power and is a versatile and highly professional tool!

Accessories

Loudspeaker	
Design	Bass reflex system with integrated driver
	and power amplifier technology
lower cut-off frequency -10 dB	42 Hz (FILTERS ,ON')
Frequency range ±3 dB	49 Hz - 1,3 kHz (FILTERS ,OFF'),
	40 Hz - 120 Hz (FILTERS ,ON')
Max. SPL	127 dB (SPL peak / 1 m / free field,
	equivalent 133 dB half room)
Components	15" long excursion chassis, double spider,
	114 mm voice coil, internal and external ventilation
Supply voltage	230 V version: AC 195-250 V, 50 / 60 Hz
alternative	115 V version: AC 95-125 V, 50 / 60 Hz
Power consumption nominal	@ 230 V: 1.25 A
Burst current (Irms / <500 ms)	@ 230 V: 7 A
Idle Current	@ 230 V: 200 mA
Power connectors	Neutrik PowerCon, lockable, 1 input and 1 outpu
nput module	
Input connectors	Pin 1 = ground / Pin 2 = $+$ signal / Pin 3 = $-$ sign
	LINE IN: XLR 3-Pol female
	LINE OUT: XLR 3-Pol male, parallel zu LINE IN
Input sensitivity	+6 dB / 1.55 Vrms for rated output
Input impedance	50 k Ω (balanced / unbalanced)
Common mode rejection	Min.: 74 dB, typical: 90 dB
Controls Display	Level control ± 6 dB, bypass switch for the
	active filters (for operations i.e. K&F Controller C2),
	ground lift switch
	Bi-coloured LED: green = Power On,
	red = Limit / Protect
Driver circuit	High pass 32 Hz (-3 dB), 24 dB / octave (FILTERS 'ON'
	Low pass 110 Hz (-6 dB), 24 dB / octave (FILTERS 'ON
	Phase correction, frequency equalisation (EQ),
۸ د انگذاری د ماریا د	peak limiter, RMS limiter
Amplifier module	Charles D.
Туре	Class D
Power	1000 W @ 8 Ω (EIAJ)
Power bandwidth	10 Hz to 30 kHz
Damping factor	> 500 (100 Hz), > 100 (10 kHz)
S / N ratio	> 105 dB (A)
Cooling	Air convection (without fan)
Protection circuits	Short circuit, over-temperature, clipping, overloa
Enclosure	
	frame-reinforced 18 mm multiplex with
	highly resistant black structured paint (PU),
	2 butterfly handles,
	K&M mounting plate M 20 for distance pole,
	4 non-abrasive plastic sliders,
	stacking grooves for stacking identical enclosure
	2 locking profiles for optional transport cover,
	ball proof steel grille with exchangeable
	black acoustic foam,
Dimensions (W x H x D)	470 x 600 x 520 mm
Weight	36.9 kg
Option	special finish in RAL colours
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see catalog or www.kling-freitag.com



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