

ACTIVE SUBWOOFERS

SUB 15

800W Active 15" Subwoofer

The SUB 15 sets a new standard in ultra compact active subwoofers.

The heart of the SUB15 is the new high power 15"- woofer with 3" coil, designed and manufactured by dBTechnologies, made to deliver peak performance to this bandpass enclosure. Massive power reserves are guaranteed with the new processor controlled Class H amplifier, delivering a solid 800 W/RMS. Operational safety is assured with DC, Overheat, RFI protection circuitry, as well as a full wave Peak Limiter. The combination of our custom designed woofer with our MT amplifier, achieves a maximum SPL of 133 dB at a weight of only 32 kg / 70,5 lb. The integrated active crossover, used in mono or stereo mode, gives max. flexibility - the SUB 15 can be used both as a single subwoofer supplying low-cut signals to 2 satellite speakers,

or in mono mode with one subwoofer per side. The crossover frequency is switchable from 80/100 to 120 Hz and provides a very narrow rollover of 24dB / octave. The phase can be turned by 180° if the position of the SUB15 is not in line with the satellite speakers. As with all dBTechnologies subwoofers, the amplifier module is placed in a separate compartment inside the enclosure, to avoid "air noises" from the woofer through the cooling slots. The 4-speed temperature controlled fan assures safe operation even under hardest driving conditions. The fan is covered with a removable dust filter. Four control LED's mirror the operating status of the system, to ease set-up, and safe operation. The SUB15 can be used in combination with all OPERA Live speakers, or as a high performance low extension for existing systems.



SUB 15

- 15" Active-subwoofer
- MT-Amp 800 W/RMS
- 40 – 120 Hz (± 3 dB)
- Max. SPL 133dB
- 2 x Neutrik Combo Input
- 2 x XLR Parallel-Out
- 2 x XLR X-Over-Out
- Phase reverse switch
- Dynamic softclip limiter
- Weight: only 32 kg / 70,5 lb

SUB 05

- 15" dBTechnologies Woofer
- 400 W/RMS
- 30 - 150Hz (+/- 3 dB)
- Max. SPL 129 dB
- 2 x XLR/Jack Input
- 2 x XLR Parallel-Out
- 2 x XLR X-Over-Out
- Active stereo Xover24 dB/oct.
- Dynamic soft-clip limiter
- Weight 27 kg/ 60lb

SUB 12

- SUB 12
- 12" Active-subwoofer
- MT-Amp 400 W/RMS
- 40 – 150 Hz (± 3 dB)
- Max. SPL 127dB
- Active stereo frequency softening 24 dB/oct. @ 100 Hz
- 2 x Neutrik Combo Input
- 2 x XLR Parallel-Out
- 2 x XLR X-Over-Out
- Phase reverse switch
- Dynamic soft-clip limiter
- Weight: only 18,9 kg/ 42lb

SUB 05

400W Active 15" Subwoofer

The compact active subwoofer SUB05 is equipped with a high efficiency 15" Woofer and is driven by an integrated 400W/RMS Class-H Amplifier with dB Technologies' innovative MT-Amp-Design.

The Bandpass construction provides a powerful bass-reproduction with an impressive 129 dB SPL peak and a frequency response from 30-150 Hz.

The integrated active crossover @ 100Hz can be used in stereo- or mono-mode which matches perfectly with the compact active speakers of the Basic- and Opera-Series. The wooden housing is made of 19mm Multilayer wood and is finished with a rugged black finish and is equipped with two handles and a pole holder.

The light weight of 27kg offers easy handling.



SUB 12

400W Active 12" Subwoofer

The ideal companion to OPERA 110 and TWIN 128 is our compact 12" active subwoofer with exiting technical specifications and powerfull thrust. The 12" long stroke woofer with 3" voice coil moves up to top form in the band-pass housing. The 400W/RMS output stage designed like the new innovative MT Amplifier Series provides the necessary propulsion at an extremely low weight. The MT amp design, produced in SMD technology, combines high- grade class H technology with high-power components, to produce a lighter and more efficient unit.

The integrated active crossover allows easy setup of the systems. Filters are set at 24 dB/octave at 100 Hz and can run both in Mono and Stereo mode. The temperature-controlled fan ensures adequate cooling, as the amplifier module is housed in an enclosed casing to reduce interference.

The integrated dynamic soft clip limiter protects the system from overload. The 35 mm flange permits the use of a spacer bar.

