

The S18 powerful - portable - loud.

The Blue Acoustic S18 plays a compact but important role providing powerful LF drive as the ideal sonic partner to the G5 and V10

In theatres, pubs, churches, village halls, for school plays, at college gigs or even outdoors the S18 brings the words *successful* and *impressive* back in to professional audio.

The S18 with the highly versatile G5 allows the purchaser to go back to using four main boxes for audiences of 300 - 600 people with perhaps an additional V8 per side for the front rows.

Two S18 with two G5 is rigged in a few minutes and the excellent results will be both successful and impressive.

The S18 is a multi-gig workhorse model and it comes with the strongest of pedigrees.

The 18" bass driver.

The S18 is equipped with a highly efficient 18" bass driver.

It features a sturdy ferrite magnet assembly, 4" copper voice coil, dual suspension system and a cast aluminium chassis.

Using this 18" driver at its most efficient in the frequency bandwidth of 35 - 120hz the S18 is ideal for use with a number of Blue Acoustic cabinets.

The S18 cabinet.

Built from Eastern European 18mm & 24mm birch plywood the S18 is a conventionally shaped enclosure fitted with almost every facility currently available.

For ease of handling it's equipped with six strategically placed insert handles, four heavy duty 100mm castors on the back, a 20mm screw pole mount on the top with another mounted on one side, self-locating skids on the side & bottom plus two further skids on the rear of the box.

In addition the S18 is prepared to accept either our SXA2 power amplifier modules for use with our V10 & G7 cabinets or SXA3 module to power the G5 and eventually, G4 & G6 models too.

Every SXA module is supplied with built-in DSP and is linked to the controlling computer or other SXA modules via RJ45 plugs - a total of 24 modules may be interconnected.

Each module not only drives the bass system in which it's housed but also supplies drive to its partner cabinet for example, the G5.

Finally, the giging version of the S18 is coated with a dense, heavy duty textured material we've named TPC.

The coating is extremely durable and it's been proved that TPC retains its ability to protect the cabinet much longer than conventional paint finishes.

The results.

The S18 is a high technology loudspeaker that's easier to use than almost any other loudspeaker system when connected to it's Blue Acoustic partner loudspeaker.

Bring it in - Plug it in - Switch it on.

The required DSP settings are minimal in fact, the S18 may be used with a completely flat crossover and external amplifier provided filter points are correctly set.

The technicals.

Please see page 2 for mechanical and technical details.

Warning.

It should be remembered that the S18 in combination with Blue Acoustic mid/high models such as the G5 is capable of high pressure levels therefore care should be taken in their positioning with regard to your audience.

No responsibility will be accepted by the manufacturer, distributor or any other seller for the incorrect or foolish use of Blue Acoustic loudspeaker systems.

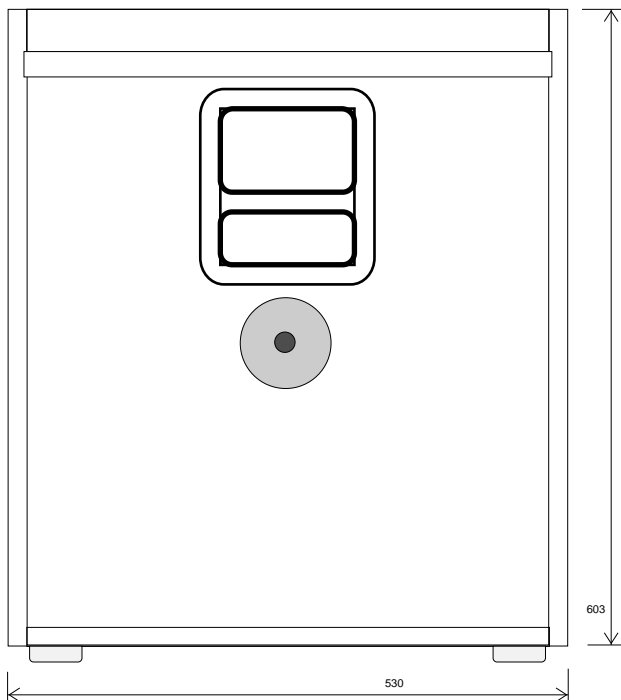
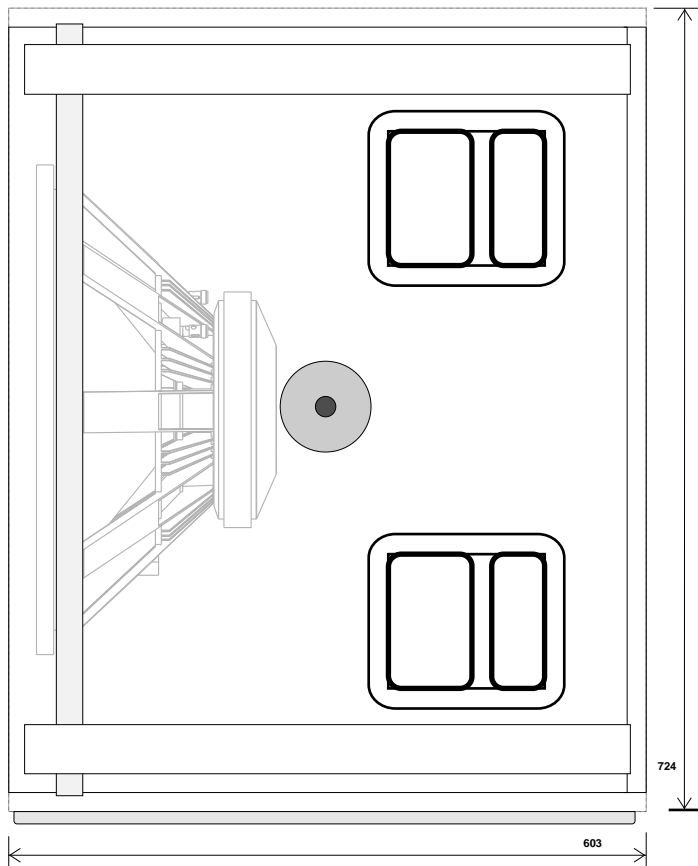


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System

Format	Q4 reflex drive
Passive Networks	n/a
Nom' impedance	8 ohms
Hi-pass filter (-3dB)	30Hz 8th order B'worth
LF power @ 8ohm	1200w aes (2400w peak)

Performance

Sensitivity @ 1w/1m	97dB (LF)
O/P level at rated power	131 dB @ 1m
Frequency response	39 Hz - 115 Hz (± 3dB)
Dispersion	n/a

Drive unit - LF

Drive unit size	460 mm / 18"
Voice coil diameter	101 mm / 4"
Chassis	cast aluminium
Magnet	ferrite
Mounting	6mm caphead bolts x 8

Dimensions

Height	781 mm - 30.75"
Depth	729 mm - 28.70"
Depth over castors	436 mm - 23.70"
Width	538 mm - 21.20"
External volume	252 lts - 8.90 ft ³
Weight	56 Kgs - 59.8lbs

Cabinet

Panels	18 mm birch ply
Baffle	24 mm birch ply
Cabinet external	Textured Protective Coating
Handles	Top, bottom & side insert
Grille	Coated steel mesh
Skids	15 & 18 mm plywood

Connections

Inputs	NL8 & NL4
18" connection	Pins 1+ 1-

Pole mount hardware

Top pole mount - fitted	20mm K&M screw thread
Side pole mount - fitted	20mm K&M screw thread

Recommended crossover points *

High pass filter	30Hz - 8th order B'worth
Low pass filter	110Hz - 4th order L/R

Optional SXA amplifier modules

SXA2

LF amplifier	1000w @ 8
Mid/Hi amplifier	500w @ 80
DSP	2 channel

SXA3

LF amplifier	1000w @ 8
Low/mid amplifier	1000w @ 80
Mid/Hi amplifier	500w @ 80
DSP	3 channel

* Please Note: external digital x/o settings are available for Ashly, XTA, BSS, Klark-Teknik and Xilica models.

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