

A10 powered FOH model by Blue Acoustic

data

The A10 is a compact, powered FOH loudspeaker designed to operate as a full range model or as the top cabinet in the new A2 System.

The design features a 10" neo' bass/mid driver, a horn mounted 1" exit neo' compression driver along with a Powersoft DCell 2 channel module.

A10 is lightweight in addition, the user will experience a very detailed response cycle across the entire audio bandwidth.

Vocals and musical performances are equally impressive from this compact model.

With very low THD and high efficiency the A10 offers superb performance for its size.

A10 component specifications.

bass unit	270mm (10")
bass unit aes power	400 watts
bass unit voice coil	63mm (2.5") (4Ω)
bass unit magnet	neodymium
hf unit exit	25.4mm (1")
hf unit aes power	60 watts
hf unit voice coil	44mm (8Ω)
hf unit magnet	neodymium
horn unit	80° x 60° (aluminium)
module power (bass/mid)	390 watts aes (@ 4Ω)
module power (hf)	60 watts aes (@ 16Ω)
module control	factory configured dsp
module presets	4 in total
THD+N	< 0.01% 0.1w to full power
damping factor	> 1,000 @ 100Hz
crossover centre frequency	1.55 KHz (4th order L/R @ -6dB points)

A10 cabinet specifications.

handle	top mounted dual lift
pole mount	35mm vertical and 5° tilt forward
build material	12mm, 18mm and 24mm birch ply
bass/mid efficiency 1w/1m	98dB
hf efficiency on horn used 1w/1m	108dB
spl at rated power	124dB
tml (theoretical max level) *	130dB
frequency response (preset 1)	59Hz - 18.4KHz (± 3dB)
high pass filter (full range)	50Hz (8th order)
high pass filter (with bass cabs)	115Hz (4th order)
mains input voltage	110-240v
mains connection	Neutrik Powercon A
mains onward link	Neutrik Powercon B
signal input connector	XLR 3 (cable male to female socket)
signal link connector	XLR 3 (cable female from male socket)
dimensions	526 h x 294 w x 294 d
weight	13.9 Kgs (30.6 lbs)
covers	slip over padded versions

* tml is published for comparative purposes only



Blue Acoustic Sales - Europe

Units 3 & 6, Grooms Building, Pool Road, Newtown, Powys SY16 1DL
Tel: +44 (0) 1686 622368 Mob: 07971 882663 Email: ken@blue-acoustic.com

Blue Acoustic Sales - USA

Tulsa, OK, 74146
Tel: (918) 732 9343 Email: info@blueacousticusa.com

Blue Acoustic is a Trade Mark registered in the United Kingdom - number UK 02517676
Trade Mark used with the permission of the owners purely upon Blue Acoustic products.
All designs and settings copyright Ken Hughes - 2016.

Blue Acoustic®; where less is more