

# DATA SHEET

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ACAB12UA, ACAB24UA, ACAB42UA

# SOUNDPROOF SERVER CABINETS

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TECHNICAL SUPPORT AT 00800.2255.2269 OR VISIT [BLACKBOX.EU](http://BLACKBOX.EU)



# OVERVIEW

## SOUNDPROOF SERVER CABINETS DATA SHEET

### INTRODUCTION

The Soundproof Server Cabinets reduce noise by 31 decibels (dB), effectively removing 99.9% of IT noise.

The cabinet design ensures noise canceling without compromising cooling capacity. To reduce sound, the inside of the Elite QuietCab is heavily lined with one of the most effective acoustic materials available. The cabinets have a thermal load capacity of up to 12 kW.

### FEATURES

- MAKE IT EQUIPMENT WHISPER-QUIET – REDUCE NOISE BY 31 DBA.
- COOLING SYSTEM PROVIDES UP TO 12 KW HEAT DISSIPATION.
- HAS INTEGRATED ENVIRONMENTAL MONITORING SYSTEM.
- THREE SIZES ARE AVAILABLE.
- CABINET IS MANUFACTURED TO IEC 60297 SPECIFICATIONS.
- SELECT FROM A VARIETY OF ACCESSORIES.

## COMPARISON CHART

SPECIFICATION COMPARISON CHART			
	ACAB12UA	ACAB24UA	ACAB42UA
USABLE HEIGHT	12U	24U	42U
EXTERNAL CABINET DIMENSIONS (INCLUDES CASTERS)	720 x 780 x 1210 mm	1252 x 780 x 1210 mm	2054 x 780 x 1210 mm
MAXIMUM RACKMOUNT UNIT DEPTH	825 mm measured from front blanking plate surface to inside of rear door	825 mm measured from front blanking plate surface to inside of rear door	825 mm measured from front blanking plate surface to inside of rear door
ASSISTED COOLING MECHANISM	(2) ultra-quiet rear fans	(2) ultra-quiet rear fans	(2) ultra-quiet rear fans
ASSEMBLED WEIGHT WITHOUT RACKMOUNT EQUIPMENT	133 kg	194 kg	313 kg
MAXIMUM DISTRIBUTED LOAD (TOTAL EQUIPMENT WEIGHT)	500 kg with casters, 1000 kg without casters	500 kg with casters, 1000 kg without casters	500 kg with casters, 1000 kg without casters
CASTERS	Supplied	Supplied	Supplied
CABLE ACCESS DIMENSIONS	76 x 76 mm, (3) top + (3) bottom	76 x 76 mm, (3) top + (3) bottom	76 x 76 mm, (3) top + (3) bottom
CABINET COLOR	Black with blue trim	Black with blue trim	Black with blue trim
DIST INGRESS PROTECTION	Optional removable and washable filter is available	Optional removable and washable filter is available	Optional removable and washable filter is available
EXTERNAL HEIGHT*	720 mm	1252 mm	2054 mm
MAXIMUM RAIL DEPTH**	850 mm	850 mm	850 mm
POWER	1 Amp	1 Amp	1 Amp
ATTENUATION PERFORMANCE***	31 dB	31 dB	31 dB
MAXIMUM HEAT LOAD****	12 kW	12 kW	12 kW
DELIVERY	Delivered fully assembled and ready to go	Delivered fully assembled and ready to go	Delivered fully assembled and ready to go

\* On casters.

\*\* Between 19" mounting angles.

\*\*\* 0.5 dBA is gained by using blanking panels.

\*\*\*\* See thermal guidelines.



# PHOTOS: SOUNDPROOF SERVER CABINETS

SOUNDPROOF SERVER CABINETS, 12U AND 24U (ACTIVE)

FRONT VIEW, DOORS CLOSED



ACAB12UA

FRONT VIEW, DOORS OPEN



ACAB12UA,

FRONT VIEW, DOORS CLOSED



ACAB24UA

BACK VIEW



ACAB24UA

FRONT VIEW, DOORS OPEN



ACAB24UA

# PHOTOS: SOUNDPROOF SERVER CABINETS

SOUNDPROOF SERVER CABINETS, 42U (ACTIVE)

FRONT VIEW, DOORS CLOSED



ACAB42UA

BACK VIEW



ACAB42UA

FRONT VIEW, DOORS OPEN



ACAB42UA

# ORDERING INFORMATION

ITEM	CODE
Soundproof Cabinets	
Active	
12U	<b>ACAB12UA</b>
24U	<b>ACAB24UA</b>
42U	<b>ACAB42UA</b>
Cabinet/Rack Accessories	
Vertical Cable Tray	
12U x 200 m for 12U Soundproof Cabinet	<b>ACAB12UVCTRAY</b>
24U x 200 m for 24U Soundproof Cabinet	<b>ACAB24UVCTRAY</b>
42U x 200 m for 42U Soundproof Cabinet	<b>ACAB42UVCTRAY</b>
Extra Retrofit Cable Entry System	<b>ACABCENTRY</b>
42U Cable Trunking Pair	<b>ACAB42UTRUNK</b>
Rear Extension Kit	
For 12U Soundproof Cabinet	<b>ACAB12UREXT</b>
For 24U Soundproof Cabinet	<b>ACAB24UREXT</b>
For 42U Soundproof Cabinet	<b>ACAB42UREXT</b>
IP54 Upgrade	
For 12U Soundproof Cabinet	<b>ACAB12IP54UPG</b>
For 24U Soundproof Cabinet	<b>ACAB24IP54UPG</b>
For 42U Soundproof Cabinet	<b>ACAB42IP54UPG</b>
Cabinet Bonding Kit	<b>ACABACTBOND</b>
Dust Filter	
12U	<b>ACAB12UDUST</b>
24U	<b>ACAB24UDUST</b>
42U	<b>ACAB42UDUST</b>
Quick Fitting Blank Panel	
1U	<b>ACAB1UBLANK</b>
2U	<b>ACAB2UBLANK</b>
3U	<b>ACAB3UBLANK</b>
4U	<b>ACAB4UBLANK</b>
5U	<b>ACAB5UBLANK</b>
Universal Plinth	<b>ACABPLINTH</b>
19" Cantilever Shelf	
1U x 200 mm	<b>RKT12CSH</b>
1U x 300 mm	<b>RKT13CSH</b>
2U x 300 mm	<b>RKT23CSH</b>
2U x 400 mm	<b>RKT24CSH</b>
4-Loop Jumper Ring Panel	
1U	<b>RKT14JRP</b>
2U	<b>RKT24JRP</b>

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Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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