

APU-RS16i

Rack-mount protection unit

DATASHEET V1.4



Product Description

16-channel passive rack-mounted protection unit for Amina Invisible Loudspeakers. For use in installations with higher numbers of low-impedance speakers with a centralised AV rack. Direct-to-PCB screw terminal-blocks allow for fast and easy permanent installation.

Each channel of protection contains a resettable thermal fuse which can be independently set to protect different models of Amina Invisible Loudspeakers, meaning that a single unit can protect a whole system, no matter which speakers have been specified. Removing the top panel of the unit reveals jumper-leads for each channel, enabling fast and secure setup. Please refer to table below for protection configuration.

Default setting set to 15W to ensure protection of lowest power speakers out of the box. Please note that protection setting will need to be changed to ensure maximum performance of the connected loudspeaker.

Not suitable for high impedance 100V/70V line installations or subwoofers.



Compatible Loudspeakers

Please note that 2 varieties of APU-RS16i are available, 'C' version for use with Edge loudspeakers and Mobius7, 'non-C' version to be used with all other low impedance speakers. See compatibility below.

APU-RS16iC:

Edge5, Edge7, Mobius7

APU-RS16i:

iQ Series, Mobius5, MobiusDual, AIW350iN-S200

Please note that repeated tripping of thermal fuse will affect the trip-point, resulting in reduced maximum power handling before protection kicks in. Protection may be replaced to restore full performance.

APU-RS16i Protection Groups

1	iQ1, iQ2 (dual-channel)
3	AIW350iN-S200, MobiusDual, iQ3
5	Mobius5

Compatible Loudspeakers

APU-RS16iC Protection Groups

5	Edge5
7	Edge7, Mobius7

Compatible Loudspeakers

Specifications

Electrical connection	Direct-to-PCB screw terminal blocks
Dimensions	1U high, front panel 482mm x 44.4mm (19" x 1 3/4"), case depth 213mm (8 3/8")
Product weight	3.14Kg (6lbs 14oz)
Speaker families protected	Mobius, Edge, iQ, Evolution
Default protection setting	APUi10 - 15W

APU-RS16i ('C' / 'non-C')

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