

Specifications

microzone

control amplifier



Amplifier Channels	-	Class D Digital with EQ for Audica MICRO loudspeakers 2 x 30W into 4 Ohm per channel Switchable for stereo or 2 x mono
Modes	-	Switchable normal or slave operation
Controls	-	Standby Front volume with rear master level control Channel select Mute (-16dB) Line output channel selection (selected or input 2)
Outputs	-	Infrared remote control (volume, source select, mute) Screw clamp loudspeaker terminals Parallel stereo line out (fixed or variable) Stereo line out with EQ
Inputs	-	Mono sub out Input 1 - 3.5mm jack (front panel) Inputs 2 and 3 - stereo phono (rear panel)
Charging	-	USB on front
Dimensions (mm)	-	H 54 x W 225 (max) 198 (case) x D 122 (max)
Weight	-	1Kg

microdot

ceiling loudspeaker



Drive units	-	1 x 50mm full range drive unit
Frequency	-	70Hz to 20kHz
Power Handling	-	25W
Impedance	-	8 Ohm
Fixing	-	Integral spring clips, standard 85mm mini spotlight cut-out
Dimensions (mm)	-	H 130 x W 100 x D 100 (85mm cut-out)
Weight	-	0.5Kg

micropoint

compact loudspeaker



Drive units	-	1 x 50mm full range drive unit 1 x 50mm low frequency drive unit
Frequency	-	70Hz to 20kHz
Power Handling	-	35W
Impedance	-	4 Ohm
Fixing	-	Integral bracket allowing 360° rotation, 120° pan and 45° tilt
Dimensions (mm)	-	H 240 x W 80 x D 151 (including bracket)
Weight	-	1.2Kg

microline

column loudspeaker



Drive units	-	2 x 50mm full range drive units 2 x 50mm low frequency drive units
Frequency	-	70Hz to 20kHz
Power Handling	-	50W
Impedance	-	8 Ohm
Fixing	-	Integral bracket allowing 360° rotation, 120° pan and 27° tilt
Dimensions (mm)	-	H 378 x W 80 x D 151 (including bracket)
Weight	-	1.8Kg

microsub

bass loudspeaker



Drive units	-	1 x 200mm drive unit
Amplifier	-	100W
Frequency	-	40Hz to 200Hz
Controls	-	Volume Phase switch - zero and 180° Crossover frequency, variable 40Hz to bypass Phono line level
Outputs	-	Phono line level and binding post loudspeaker level
Inputs	-	Switchable 110/120V and 220/240V
Voltage	-	Free standing or wall or ceiling mountable
Fixing	-	H 323 x W 228 x D 470 (including rear cover)
Dimensions (mm)	-	12Kg
Weight	-	



AUDICA

microseries



For UK enquiries call
+44 (0)1414 405333
or e-mail ukprosales@audica.co.uk
For International enquiries
e-mail derek.w@audica.co.uk

Product Brochure

AUDICA microseries

Audica MICROseries - Style and Flexibility for Installed Sound Systems

Designed in Cambridge, England and Essen, Germany, Audica combines leading edge expertise in European acoustic engineering and establishes new standards in discreet elegance, application flexibility and user-features for high fidelity installed sound. The Audica MICROseries is designed for background music systems in applications with moderate ambient noise levels such as restaurants, retail outlets, hotel public areas and general public spaces. In applications with little or no ambient sound level the MICROseries is ideal for AV systems in boardrooms, meeting facilities, museums, visitor centres and hotel bedrooms.

Traditional design of loudspeakers for these applications has either been large boxes that give full-range audio, but which are inherently less attractive or more visible, or sub-sat systems that use tiny satellite loudspeakers for mid/high frequencies and a subwoofer for mid/bass. The main problem with sub-sat systems in public spaces is that people are often listening close to thin sounding satellites with the mid/bass rumbling away in the distance, disconnected in bringing the critical mid-band together for audio quality.

With MICROseries we've designed the smallest possible loudspeakers to give high quality over a wide audio band so that, no matter where you are in the room, the sound from the main loudspeakers remains coherent and pleasing. For most applications no additional bass loudspeakers are required, whether you choose the MICROdot flush-mount or the MICROpoint and MICROline surface-mount models.

For applications requiring extended, higher level bass performance, such as an Audio-Visual system playing back film material, the MICROsub can be added and carefully tuned just to add extended bass and not confuse the mid-band.

With all of the MICROseries loudspeakers, aesthetics have been a prime consideration. This starts with the family look, which is softly shaped to merge into the environment. Secondly with the selection of materials, which have to be acoustically excellent but also provide for flexibility of design and quality of appearance. The MICROdot is a single-piece aluminium casting whilst the MICROpoint and MICROline use aluminium extrusions with moulded aluminium end-caps. Grilles are micro-perf steel for acoustic transparency with durability. The MICROsub is a more traditional construction but adds a full amp-panel cover to ensure it looks good from all angles and prevent access to controls and electrical connections. It also has a steel mesh grille under the aesthetic cloth cover.

Equally important for aesthetics, and speed and quality of installation, are the fixings and brackets. The MICROdot fits a standard 85mm diameter ceiling spotlight cut-out and is fitted with integral spring-clips. The MICROpoint and MICROline have a unique and secure integral bracket, merging the design of loudspeaker and bracket. Only the bracket needs to be fixed and connected during first-fix. Fitting the loudspeaker, with pre-wired cable management through the bracket, is then done as required and the position locking screw is hidden behind the loudspeaker grille. A high degree of tilt and pan are catered for, allowing for wall or ceiling mounting with the required angle of coverage. The MICROsub is also supplied with its own mounting bracket which allows flush mounting to walls or ceilings.

At the heart of the MICROseries range is the innovative MICROzone, a 5-configuration amplifier/controller that provides unequalled flexibility for a wide range of applications with single or multi-location input and control. Comprehensive switching functions enable the unit to be used singly and in multiples; as a complete system amplifier/controller; as an additional zone amplifier/controller; as a system master; as a slave amplifier (i) or as a system equaliser.

Comprehensive facilities on the MICROzone allow for: stereo or 2-channel mono operation (g); one 0.5V front panel stereo mini-jack input (f) for MP3 and PC connection plus 2 rear panel 1.0V RCA stereo inputs (l); a switch for common line feed through multiple units with the ability for alternative input selection on zones (h); fixed and variable line outputs (j)+(m) for master or independent level control of additional zone units; equalised line output (n) for using additional standard power amplifiers; front volume control (a) with master output level on rear (k) for applications where maximum levels need to be preset; IR control via the front panel or an optional RJ45 CAT5 remote IR sensor (p); filtered sub output for feed to active sub-bass loudspeakers (o).

For applications, such as AV and hotel bedroom, where an MP3 player or similar may be used for long periods, the MICROzone also offers a front panel USB charge facility (e). The elegant aluminium stick IR remote controller supplied with the MICROzone duplicates the front panel controls of volume (a), mute (-16dB) (b) and source selection (c). In addition to manual standby (d) the MICROzone also features auto standby and start-up for non-managed applications and for reliability is fitted with clip limiting and total overdrive protection with auto-reset. The head-unit design of the MICROzone allows one or two units to be mounted in an optional 2U rack mount panel or it can be fitted into any flat surface, such as a lectern or other piece of furniture. Clip-on caps cover the fixings to maintain the clean, style of the unit's front panel.

For single-zone or small to medium multi-zone applications, the Audica MICROseries offers a stylish and unique solution with real flexibility from a compact range of products, operating within the low impedance domain to give true hi-fi quality.

Audica MICROseries sounds good as it looks



microzone
control amplifier

Rear Panel



microdot ceiling loudspeaker
micropoint compact loudspeaker
microline column loudspeaker



4 screw clamp loudspeaker connections give possible configurations of:

- 1 pair MICROline or MICROdot at 8 Ohm
- or
- 1 pair MICROpoint at 4 Ohm
- or
- 2 pairs of MICROline or 2 pairs MICROdot wired in parallel at 4 Ohm
- or
- 2 pairs of MICROpoint wired in series at 8 Ohm
- or
- 4 pairs of MICROdot wired in series/parallel at 8 Ohm

NOTE: In any configuration the impedance should not drop below 4 Ohm



MICROpoint and MICROline are supplied with an integral bracket enabling rotation, pan and tilt. The bracket can be installed and connected during first-fix without the loudspeaker in place; then when the loudspeaker is mounted the connections are made. The loudspeaker is positioned and fixed in place using just one bolt, which is hidden behind the grille. This enables a simple and quick installation and also a significant level of security for the speaker when in place.