AIR-82 IP

Weather-resistant installation speaker

AIR SERIES

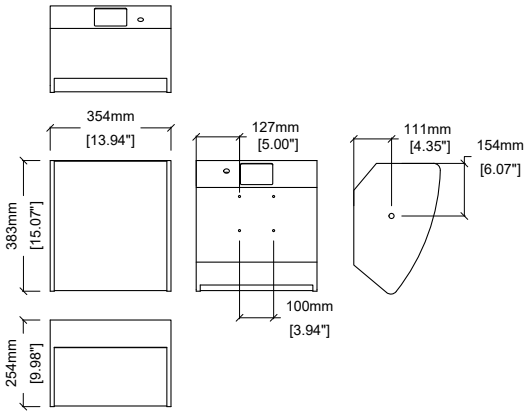
DATASHEET

AIR series has been created as the series of installation-dedicated speakers, backed-up with various mounting hardware options for ease and versatility of set-up.

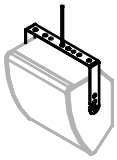
Benefiting from truly point-source design based on coaxial and full-range speakers, AIR series opens a new dimension for speaker placement to achieve best possible coverage while keeping sound system visual imprint to the lowest possible minimum.

Passive installation speaker, AIR-82 IP comes in extremely compact size, featuring 8" coaxial woofer. The model has numerous mounting options, providing usability for each and every project. IP54 weather-protected design makes AIR-82 IP ready for demanding outdoor installations.

DIMENSIONS

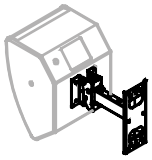


ACCESSORIES



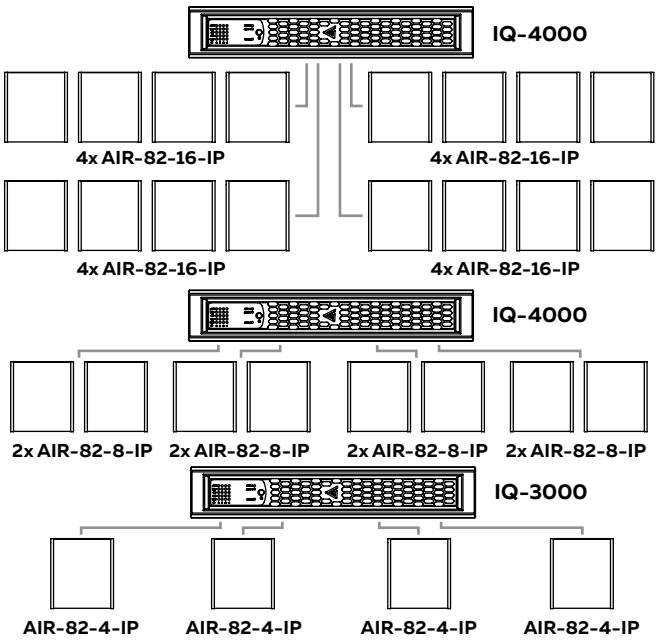
LAIR-82-IP
Mounting bracket

WMT-20-IP
Wall mount adapter



WRM-18-IP
WRM-25-IP
Wall arm with pan and tilt function

AMPLIFICATION



SPECIFICATIONS

Frequency Response (-10dB)	80 - 18000 Hz
Max SPL [1]	127 dB
Sensitivity (1W/1m)	94 dB
LF Driver	8" coaxial, VC 2.5"
HF Driver	1" tweeter
Nominal Coverage (H x V)	90° x 90°
Impedance	4 / 8 / 16 Ohm
Nominal power [2]	250 W
Connectors	Phoenix / Gland nut cover plate
Dimensions (W × H × D)	354 x 383 x 254 mm / 13,94" x 15,07" x 9,98"
Net weight	9,5 kg / 20,94 lbs
Shipping weight	10,5 kg / 13,15 lbs
Mounting	VESA 75 x 75; 2 x M10 Mounting points; M10 safety point
Weather protection	IP54
Enclosure material	Plywood, wear-resistant paint
Speaker protection	Steel grill, acoustically transparent backing

[1] - pink noise, filtered according to AES 2 - 2012, crest factor 9 dB
[2] - based on transducer power measured according to AES 2 - 2012

CONNECTIONS

Use Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in input signal.

Do not exceed input power ratings mentioned in specifications while exploiting the speaker system.

Speaker system comes with Phoenix terminals for connection to amplifier.

Signal +	Terminal +
Signal -	Terminal -
High pass filter:	
Freq, no less than	60 Hz
Order, no less than	18 dB/oct
Recommended amplifier power	250 - 500 W on nominal impedance

SAFETY INSTRUCTIONS

1. Do not pour liquids on speaker system - this may cause driver cone destruction and unappealing speaker appearance. Do not allow direct sunlight on speaker cone in order to prevent premature failure. Do not install speaker system near open flames or heating elements.
2. Do not use speaker system with damaged connectors or speaker cable so as not to cause electric shock hazard or fire hazard.
3. Make sure speaker system is firmly set up on the floor, stage, or wall (where applicable).
4. While setting speaker system up onto an angled or slippery surface, make the necessary arrangements to avoid vibration-induced movement.
5. Speaker system is capable of delivering significant sound pressure levels. To avoid permanent or temporary hearing damage, prolonged exposure to sound pressure levels exceeding 90 dB should be limited.