

# A105N Appello P.I.R. Voice Annunciation unit



- Maximum output: 105dB(A) @ 1 metre
- Direct message storage on silicon: 16 seconds of speech
- Very high voice reproduction quality (moving coil loudspeaker)
- Volume control
- P.I.R. is in constant monitoring state - replays message upon activation.
- 32m effective range @ 1kHz
- Voltages: 12vdc(9-15vdc); 24vdc(18-30vdc); 115vac; 230vac.
- Easy message creation with built in microphone.
- Edits automatically to message length.
- DC versions have reverse polarity diode protection.
- IP55 - can be increased to IP66 (dust protected, watertight) with WR kit.
- Tropicalisation available on request.
- Enclosure material: UL94V0 & 5VA rated FR ABS
- Colour available: Red (RAL3000), Grey or White.
- Operating temperature: -25 to +55°C
- Storage temperature: -40 to +70°C
- Relative humidity: 90% at 20°C
- Weight: DC: 0.75Kg AC: 1.10Kg

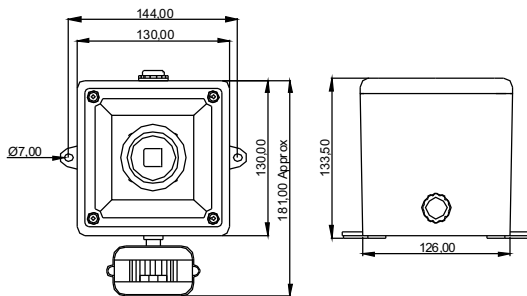
Record & store a user defined 16 second voice message. Message is repeated whilst P.I.R. remains activated.

- Cable gland knockouts in the rear of the unit.
- Side M20 cable gland entry and IP55 stopping plug.
- Unit can be mounted using external lugs or internal BESA compatible fixing positions.
- All units offer IN and OUT terminals
- Terminals accept 0.5 to 2.5mm<sup>2</sup> cables.

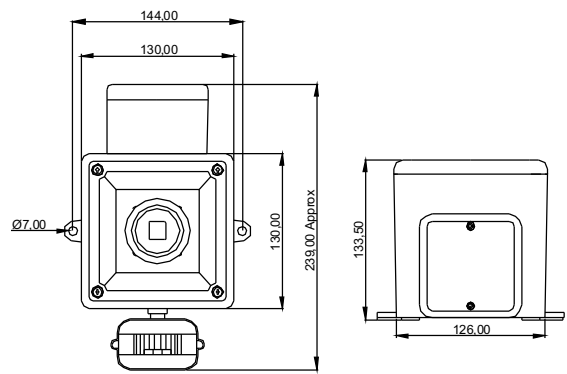
Input voltages and current consumption for the A105N Appello P.I.R.

Voltage :	12vdc	24vdc	115vac	230vac
			50/60Hz	50/60Hz
Voltage range :	9-15vdc	18-30vdc	+/-10%	+/-10%
Standby mA :	80mA	42mA	32mA	15mA
Activated mA :	250mA	150mA	45mA	20mA

A105N PIR DC Dimensions.



A105N PIR AC Dimensions.



All dimensions are in millimetres.

Other products in the Appello range include the Speech & Tone sounder (10 alarm tones) in a Synchronised and non-synchronised version. The Appello technology is also available in an ATEX approved explosionproof housing as the BExA110 & BExA120 units.



**Also available:**

- **A100** AlertAlarm - 32 tones 104dB(A).
- **A105N** AlertAlarm - 32 tones 112dB(A).
- **A112** AlertAlarm - 45 tones 119dB(A).
- **A121** AlertAlarm - 45 tones 126dB(A).