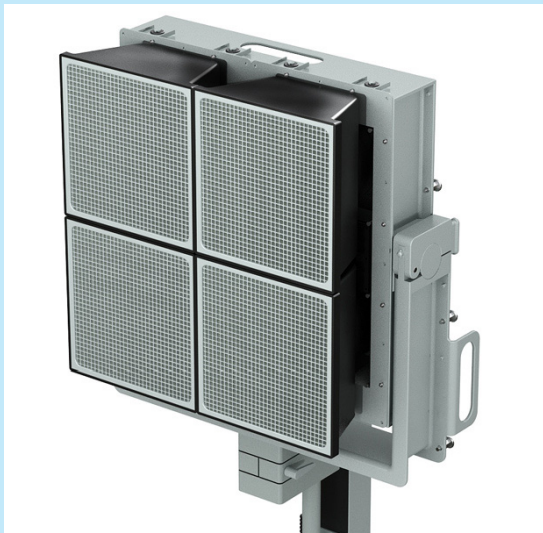


AHD-9-14Z Acoustic Hailing Device

The exceptional sound quality of STG's products has been combined with Drumgrange's extensive maritime experience to produce a fully marinised long range Acoustic Hailing Device.

The AHD-9-14Z has been designed for perfect intelligibility at distances up to 1500m both on land and at sea, making it the perfect communicator for commercial security, CBRN, merchant shipping, naval applications, emergency services, oil & gas platforms and port & border protection.



The device has a unique modular construction. With just one operator, the system can be removed from its case, assembled and fully functional in less than 15 minutes.

The AHD configuration shown gives a directional acoustic beam of nominally 20° x 20°. If the user requires a broadcast capability then as an option, the system can be re-configured into a vertical arrangement producing a 40° x 20° beam. This may be particularly useful when addressing a number of vessels or personnel across flat terrain.

Key features include:-

- Clear speech, both live and recorded up to 1800m, alarm tone up to 2500m.
- SPL 152dB peak @1m at 1kHz.
- Man-transportable, simple modular construction, facilitates a single-person lift, and no modification to host platform is required.
- Standardised mounting to enable fast deployment in a number of configurations, e.g. tripod or ship's rail.
- Completely self contained, fully integrated amplifiers.
- Independent acoustic horn assemblies provide system redundancy and simplified maintenance/repair.
- Remote control operation.
- Safe-to-transmit interlock.
- Flexible mounting arrangements for auxiliary equipment (rifle scope, night vision sight, camera, searchlight).
- Standard audio input to play pre-recorded messages via Phraselater or MP3 player etc.
- Built to survive harsh environments.

STG

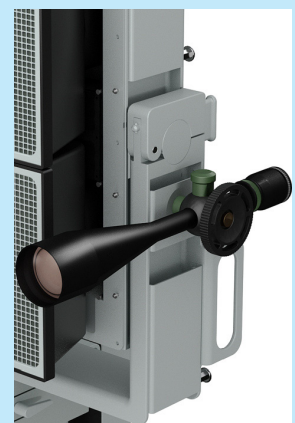
Media Systems®

STG Media Systems is a trading name of Sound-To-Go Ltd.
719 Green Lanes, Winchmore Hill, London, N21 3RX.
info@STGmediasystems.com Tel UK: +44(0)1212 880 290
www.stgmediasystems.com Tel DE: +49 5425 933265

AHD-9-14Z Acoustic Hailing Device

Technical Specification

Beam angle:	Nominal 20° x 20° (horizontal x vertical)
Frequency Range:	+/- 10dB 250Hz to 9kHz +/- 3dB 300Hz to 75kHz
Load Rating:	600/1200W
Sound Pressure Level Peak:	152dB peak @1m at 1kHz
Sound Pressure Level RMS:	142dB RMS @1m at 1kHz
Communications Range:	Up to 2000m
Power Input:	90 – 240V A.C 24 – 28V d.c option
Dimensions:	560 x 490 x 675 (W x D x H)
Weight:	Overall 40kg without accessories, largest single unit 12kg
Audio Input:	Adapter for standard audio
Pan and Tilt:	+/- 180° pan & +/- 45° tilt
Environmental:	DEF STAN 00-35 Part 3
Solar Radiation:	Test CL3
Pressure:	Test CL21
Driving Rain:	Test CL27
Salt Fog:	Test CN2
Shock and Vibration:	Tests M1, M3 and M4
Temperature & Humidity:	Tests CL2, CL5, CL6 Climatic categories M1, B2, B3 & C0
Electro-magnetic:	DEF STAN 59-411 Part 1 Land
Compatibility:	Class B and Above Decks



STG

Media Systems [®]

STG Media Systems is a trading name of Sound-To-Go Ltd.
719-721 Green Lanes, Winchmore Hill, London, N21 3RX.
info@STGmediasystems.com stgmediasystems.com
Tel UK: +44 (0)20 8123 9128