ACCUSONIC VOICE SYSTEMS

Loudspeakers

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ACCUSONIC VOICE SYSTEMS

A SERVICE DISABLED VETERAN OWNED SMALL BUSINESS
ISO 9000 Certified • ITAR Compliant • CAGE 4Y759

DUAL RADIO LOUDSPEAKER

SPECIFICATIONS

Product Number	G03A171-PFK
Product	Dual Radio Loudspeaker
Power Req	20 32 Vdc
Audio Input	0.7 Vrms
Sensitivity	95 dB @ 3 ft between 750 and 1250 Hz
Distortion	< 5% @ 750, 2000, and 4000 Hz
Controls	Power On/Off Control (toggle) Speaker On/Off Control (toggle) Radio 1 Volume Control (rotary) Radio 2 Volume Control (rotary)
Impedance	1500 ohm min @ 1 kHz
Exterior Dimensions	5.60" Width x 3.45" Height x 5.60" Depth
Mounting	T-Bracket
Ancillaries	G06A010-OFK - Dual Net Tactical Talker
Connectors	**Radio 1** *MS3114-E10-6S* **Radio 2** *MS3114-E10-6S* **Radio 3** *MS3114-E8-33P* **Radio 4** *U-183 Type*
Color	Black

Features:

- Hardened, durable military design
- Transmit and receive intelligible, distortion-free voice signals, without interference
- Independent volume regulators for Radio 1 and Radio 2
- Works with our new Dual Net Tactical Talker Handset!
- Volume-resistant mounting system

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ENHANCED LOUDSPEAKER

SPECIFICATIONS

Part Number	G03A152-PFD
Platform	Enhanced Amplified Loudspeaker
Line	Amplified Loudspeaker
Military Performance Spec	Meets or exceeds MIL-L-12632
Sensitivity	95 dB min. rel. 0.0002 dynes/square cm @ 3 ft with 0.7 VAC input, between 750 Hz and 1250 Hz
Power	12 - 36 Vdc
Dimensions	6.3" Body Height x 4.7" Body Width x 3.2" Body Depth
Weight	< 5 lb
Environmental Resist	MIL-L-12632
Connector Options	Up to 3 handset/headset connectors *Custom connector configurations available per request*
Water Resistant	Yes
Volume Control	1 rotary knob for loudspeaker volume 1 rotary knob for headset volume
ON/OFF Switch	Toggle
LED	NVIS Class B Green LED: Power NVIS Class B Yellow LED: Audio Receive
Bracket	Adjustable mounting points / U-Bracket with thumb knobs

Features:

- Hardened, durable military design
- Transmit and receive intelligible, distortion-free voice signals, without interference, to 3 headsets at once
- Easy access to headset connectors
- Advanced amplifier design will operate at low voltage levels
- Adjustable bracket mounts in numerous locations
- NVIS Green and Yellow LEDs display power ON/OFF and audio receive
- Available in multiple finishes

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ENHANCED LOUDSPEAKER W/ FRONT CONTROLS

SPECIFICATIONS

Part Number	G03A154-PFN
Product	Enhanced Amplified Loudspeaker
General Specs	MIL-L-12632
Impedance	1500 Ohm Min @ 1000 Hz
Sensitivity	95 dB min. rel. 0.0002 dynes/square cm @ 3 ft with 0.7 VAC input, between 750 Hz and 1250 Hz
Power	20 - 32 VDC
Water Resistant	Yes
Distortion	5% Max at 750 Hz, 2000 Hz, and 4000 Hz at 3 ft with 0.7V applied
Response	See Envelope below
Volume Control	Independent speaker and handset/headset controls on the front of the unit
Color	**G03A154-PFN** CARC Green 383 34094 **G03A154-PFT** CARC Tan 686 33446

Features:

- Hardened, durable military design
- Transmit and receive intelligible, distortion-free voice signals, without interference
- Independent volume regulators
- Internal Switch for different radios
- Control knobs on front of unit for easy access
- Multiple mounting options including T-brackets and H-bracket

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TELEPHONICS TRU-LINK LOUDSPEAKER

SPECIFICATIONS

Part Number	G03A158-PFK
Product	Telephonics Tru-Link Loudspeaker
Power Req	12 - 36 V dc
Audio Input	1.0 V rms differential
Speaker Output	90 dB min. @ 3 ft @ 1000 Hz
Specs	MIL-L-12632, MIL-STD-810
Box Size	Miniature (5" x 4" x 2.5")
Mounting	T-Bracket
Control	On/Off Power (toggle) Volume Control (rotary)
LED Indicators	Power: Green NVIS LED Audio Receive: Yellow NVIS LED
Connectors	**Radio Connector:** *MS3114-E10-6S* **Handset/Microphone Connector:** *U-183 Type 6 pin* **Power:** *MS3114-E8-33P*
Color	Green 34092 CARC Green 383 34094 CARC Tan 686 33446 Olive Drab 24084 Gray 26307 Black
Accessories	**Radio Cable, 6ft:** G07A045-OFO **Power Cable (unterminated):** G07A046-OFO **Power Cable, Auto:** G07A053-OFO **Tactical Talker Handset:** G06A017-OFK **AC Adapter:** G37C015-OPO **AC Adapter Dongle:** G07A052-OFO

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DUAL NET LOUDSPEAKER

SPECIFICATIONS

Part Number	G03A179-PFK
Product	Dual Net Loudspeaker
Power Req	20 - 32 Vdc
Audio Input	0.7 Vrms
Sensitivity	95 dB @ 3 ft between 750 and 1250 Hz
Controls	Power On/Off Control (toggle) Speaker On/Off Control (toggle) Net 1 Volume Control (rotary) Net 2 Volume Control (rotary)
Distortion	< 5% @ 750, 2000, and 4000 Hz
Impedance	1500 ohm min @ 1 kHz
Exterior Dimensions	5.60" Width x 3.5" Height x 5.60" Depth
Mounting	T-Bracket
Ancillaries	G06A010-OFK - Dual Net Tactical Talker
Connectors	**Radio:** *MS3114-E10-6S* **Power:** *MS3114-E8-33P* **Headset:** *U-183 Type*
Color	Black

Features:

- Hardened, durable ruggedized design
- Transmit and receive intelligible, distortion-free voice signals, without interference
- Independent volume regulators for Net 1 and Net 2
- Vibration-resistant mounting system
- Works with our new Dual Net Tactical Talker Handset!

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MULTI RADIO LOUDSPEAKER

SPECIFICATIONS

Part Number	G03A198 - PFK
Product	Multi - Radio LS
Sensitivity	95 dB @ 3ft
Distortion	< 5% @ 1000 Hz
Controls	- Power On/Off (toggle) - Speaker On/Off (toggle) - Speaker Volume (rotary) - Handset Volume (rotary) - Radio 1 Monitor/Transmit (toggle) - Radio 2 Monitor/Transmit (toggle) - Radio 3 Monitor/Transmit (toggle) - Radio 4 Monitor/Transmit (toggle) - LED On/Off (toggle)
Indicators	Yellow Flickering Audio Receive NVIS LED for each radio input
Connectors	Radio 1 through Radio 4 Alarm Power Handset
Box Size	Large Cabinet (6.2 W x 4.7 H x 3.2 D)
Ancillaries	Single PTT Tactical Talker - G06A013 - OFK
Color	Green 34092 Green 383 34094 (CARC) Tan 686 33446 (CARC) Olive Drab 24084 Gray 26307 Black 37038 Black 37038
Mounting	T - Bracket

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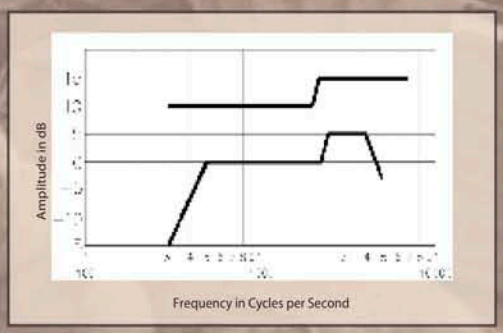
LS - 5028/VRC AMPLIFIED LOUDSPEAK

SPECIFICATIONS

Part Number	G03A075 - PFN
Product	Loudspeaker
Performance Characteristic	MIL - L - 12632/IRIS 700274
Sensitivity	101 dB min @ 1.5 feet with 1V AC input, between 750 and 1250 Hz
Response	See Envelope below
Impedance	1500 ohms min @ 1 kHz
Distortion	8% max between 300 Hz and 3400 Hz, with 6 VRMS input (for speaker element only)
Power	20 - 30V D.C. +2V peak ripple 200mA max
Interface	MS3474W8 - 33P A - Audio In B - Ground C - +V DC

Features:

- Hardened, durable ruggerized design



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LS 454/U

SPECIFICATIONS

Part Number	G03A006 - PFD
Product	Encased Loudspeaker with Cable
Performance Characteristic	MIL - L - 12632/4
Sensitivity	95 dB min. rel. 0.0002 dynes/square centimeter between 750 and 1250 Hz
Impedance	600 ± 10% Ohm
Water Resistant	Yes
Input Signal	36VAC
Finish	IAW MIL - F - 14072 and MIL - C - 46168

Features:

- Hardened, durable ruggedized design
- Transmit and receive intelligible, distortion-free voice signals, without interference
- QPL Loudspeaker and transformer

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LS-688/VRC LOUDSPEAKER

SPECIFICATIONS

General Specification	MIL-L-12632 According Specification for A3206080 Connector MIL-DTL-55116/10B
Electro-Acoustic Characteristics	
Sensitivity	95 dB MIN. REL 0.0002 DYNES/CM² at 1KHz (2.82 VAC, 1 Meter)
Response	See envelope (Fig. 1)
Impedance	4 ± 5% OHM
Distortion	5% max. between 400Hz and 4000Hz
Weight	3.17 lb max.
Finish	IAW MIL-F-14072 and MIL-C-46168 Color No.383 34094 Green per FED-STD-595

Acoustic Products

P/N G03A053-PFN

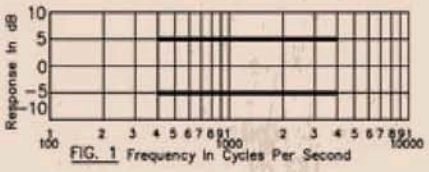
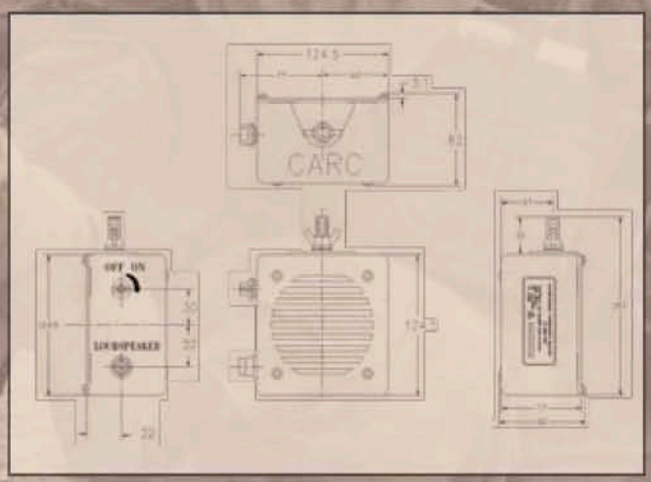


FIG. 1 Frequency in Cycles Per Second



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