COUNTERMEASURES AMPLIFIER

Ultra-High Performance Audio Amplifiers with Recording and Speech Extraction*

True High-Gain/High Dynamic Range Input
Combined with Advanced Digital Audio Processing
for the Ultimate in Tactical Performance

*Powered by SES Full Auto

INTELLIGENT DEVICES

THE ULTIMATE HIGH-GAIN AUDIO AMPLIFIER COMBINED WITH THE MOST POWERFUL VOICE RECOVERY PROCESSING AVAILABLE

Isolated Amplifier · DC Injection
Speech Extraction · Recording · Remote IP Access

Over 20 years of audio expertise in Digital Signal Processing and Speech Extraction is now available in the ultimate line of countermeasures audio amplifiers. Intelligent Devices' Countermeasures Audio Amplifiers combine high-gain analog input with true high dynamic range and state-of-the-art signal processing for the most advanced system available today.

Three models are available, with the option to upgrade between models later. All models offer ultrasonic range, high isolation from DC/AC, user-controllable DC injection, uncompressed SD file recording, advanced noise rejection, built-in volt meter, and an internal rechargeable battery.

	CMA (Base Model)	CMA with ClearChannel	Steel with SES
High Dynamic Range Gain (Manually Adjustable)	90 dB	90 dB	96 dB
Automatic Intelligent Gain Control (NOT AGC)	✓	✓	✓
Frequency Range with Ultrasonic Detection	20 Hz to 40 kHz	20 Hz to 40 kHz	20 Hz to 100 kHz
Ultrasonic AM & FM Demodulation	-	-	✓
600 V DC/AC Isolation and Protection	✓	✓	✓
DC Biasing	48 V DC	48 V DC	100 V DC
DC Auto Injection Search	-	-	✓
Line and Headphone Out	✓	✓	✓
Uncompressed Audio Recording	microSD Card	microSD Card	microSD Card
Digital Volt Meter	✓	✓	✓
Advanced Digital Audio Filtering	✓	✓	✓
SES Full Auto Automated Speech Recovery	-	✓	✓
SES Advanced Controls	-	-	✓
Internal Rechargeable and Replaceable Battery	✓	✓	✓
Full Graphic Touch Panel User Interface	✓	✓	✓
Ethernet Remote Access	-	-	✓
Common Mode Rejection	120 dB	120 dB	120 dB
Input Impedance 1 MΩ (6.6 kΩ with DC Bias On)	✓	✓	✓
Free Software Upgrade Term	-	-	3 Years
Dimensions	6.75 in × 4.25 in × 1.75 in		

Visit our website or contact us for more information.

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