

SCOOP F ONE

Professional live audio broadcasting:
Mobile phone with Audio over IP and HD Voice



ScoopFone US version

ScoopFone US extends the range of ultra-portable solutions for AoIP transmission over mobile 3G networks. This mode adds to the mobile voice and HD Voice capability already available on the ScoopFone range.

The coding algorithms available for AoIP are OPUS, G722 and G711.

ScoopFone US remains as easy to use as possible. To simplify IP connections, a SIP account is readily available and active; the coding mode is selected automatically depending on the device being called, with a priority on OPUS. A network quality meter guides the user for adjusting the bit rate if needed. The interface is intuitive, making ScoopFone US a simple-to-use device with optimal transmission performance.

- + Voice and Data modes
- + HD Voice and OPUS
- + OLED display
- + Extensive battery life
- + 2 inputs and 2 headphone sockets
- + 2 antennas in diversity
- + 2 versions: portable and rack-mount



ScoopFone US-R version

Technical Features



All the facts and figures about our professional mobile phone with Audio over IP and HD Voice

SUPERIOR FEATURES AT A GLANCE

ScoopFone US provides broadcasters the best professional audio transmission solution for low cost mobile communication. These abilities have never been available before in this innovative category. Features include:

- + Better sound: OPUS over mobile IP, HD Voice (7 kHz) in mobile voice mode.
- + Better reception: 2G/3G with two antennas
- + Easier to use: integrated SIP account*, auto wired/mobile selection for IP operation
- + High audio quality components, professional microphone and two headphone sockets
- + Microphone input and line input, adjustable mix.
- + Rechargeable batteries
- + 2 GPIO for relay-based remote control and status

TRIED AND TRUSTED ALL OVER THE WORLD

AETA Audio Systems is a leading international developer of portable sound recording units, mixers and advanced audio codecs, optimized for any kind of media and transmission infrastructure. "Made by AETA" is a synonym for high quality and investment protection.

With a strong commitment to innovation the company has a great history of industry firsts.

AUDIO INTERFACES

- + 1 balanced mic/line input
- + 1 balanced line input
- + 2 headphone outputs
- + 1 balanced line output

Mic/Line Inputs

- + Selectable gain 0/16/32/48 dB + potentiometer
- + Max gain: +70 dB
- + Max input level: +19 dB
- + High pass filter (50 Hz, 18dB/o)
- + Limiter (-6 dBFS)
- + 48V phantom power

Line Input

- + Adjustable gain
- + Clipping level: +4 dBu to +16 dBu

Line Output

- + Adjustable gain (1 dB steps)
- + Max level: +4 dBu to +22 dBu

AUDIO PERFORMANCE

- + EIN < -126 dBu @ max gain
- + THD+N < -78 dB
- + Frequency response: +/- 0.3 dB (20-20000 Hz)

GENERAL

- + Power 10-16 VDC or standard batteries (6xAA-size)
- + Integrated charger for NiMH cells
- + Battery life: > 5 h
- + Dimensions: 6.2 x 5.3 x 1.9 inch (W x D x H, overall). Rack mount version: 5.8x5.3x1.7 inch)
- + Max weight 1.44 lb (batteries excluded)
- + Max weight 1.76 lb (batteries included))
- + Operating temperature range 0°- 45°C

CONTROL AND SUPERVISION

- + Embedded HTML server, and remote control via Ethernet/IP
- + Configurable status and control relays

NETWORK INTERFACES

- + Ethernet 10/100BaseT IP / SIP
- + Integrated mobile access 2G/3G/3G+: IP data mode, voice/HD Voice
- + SIM card slot, two SMA antenna sockets

CODING ALGORITHMS

Codec	Wired				Wireless			
	Ethernet	3G+	UMTS	Voice	3 kHz	7 kHz	20 kHz	
GSM, AMR								
G711								
AMR-WB								
G722								
OPUS								
Legend					3 kHz	7 kHz	20 kHz	

VERSIONS

- + ScoopFone US: Portable unit
- + ScoopFone US-R: Rackmount unit

ACCESSORIES

- + Carrying bag
- + Rack mount kit for ScoopFone US-R
- + Blind front panel plate 1/3 of 19"
- + Ni-MH battery set
- + Spare AC/DC adapter
- + Car DC adapter cable
- + Multiband antenna, patch type, 0.3 m cable
- + Multiband antenna, "T" shape, 1 m cable
- + Multiband antenna, "T" shape, 3 m cable
- + Multiband antenna, right-angled

APPLICATIONS

RADIO

- + Newsgathering
- + Street games
- + Sports events
- + Live interviews ...

TV

- + Wireless comm 7 kHz (G722.2)

OTHERS

- + Events
- + Any long distance wireless communication where professional quality matters

* On AETA's SIP server, account exclusive for the unit

CONTACTS

For further information on AETA products please go to aeta-audio.com

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