

SCOOPFONE 4G

Mobile phone with AoIP over 4G and HD Voice over 2G/3G



HD
VOICE

- + AoIP or mobile voice mode with HD Voice
- + AoIP via 4G/LTE or wired (Ethernet)
- + OPUS with on-the-fly setting (16-192 kbit/s)
- + Network quality meters
- + Pre-installed SIP account
- + Direct RTP Mode
- + Microphone input and line input, adjustable mix
- + Large battery run time

2 versions: portable and rack-mount

OLED screen
2 inputs and 2 headphone sockets
2 antennas in diversity
2 GPIO for relay-based remote control and status
Rechargeable batteries

Ideal companion for field reporters, **ScoopFone 4G** allows to easily and efficiently perform AoIP transmissions over wired or wireless 3G and 4G networks.

ScoopFone 4G offers great audio quality by integrating Opus (up to 20 kHz) with adjustable speed on the fly, as well as HD Voice™ (7 kHz) in mobile voice mode.

The interface is deliberately intuitive, making **ScoopFone 4G** an easy to use device for optimal transmission performance.





Left side



Right side



Rear view



Rear view : rack version

Designed for simple and intuitive use with its OLED screen, **ScoopFone 4G** offers IP transmissions with automatic wired/mobile selection. The coding mode is selected automatically depending on the device being called, with a priority on OPUS. Network quality meters guide the user for adjusting the bit rate if needed.

A SIP account is readily available and active (on AETA SIP Server, account exclusive for the unit). Using a **SIP server** greatly simplifies the setting up of IP connections.

However, the **Direct RTP** mode allows you to setup an audio call over an IP network without using the Session Initiation Protocol (SIP).

It is also possible to control **ScoopFone 4G** via codec management software, such as **Scoop Manager**, edited by AETA Audio Systems.

About HD Voice™



HD Voice delivers higher quality voice transmissions by extending the frequency range of traditional or narrowband voice calls (300 Hz to 3400 Hz) out to wideband audio ranges (50 Hz to 7000 Hz). The 7 kHz wideband sound quality allows the full signature character of the reporter's voice to be heard, leading to greater audience involvement and loyalty.

CODING ALGORITHM

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

Supported mobile networks

ScoopFone 4G includes a radio module certified for the European Community and Australia.

It covers many other countries, but it is recommended to check in each case whether the integrated radio module supports at least one of the bands used locally (more info on our website), and if the mobile operator grant the access to the module.

A specific version for North America, the ScoopFone US, allows to benefit from HD Voice in the USA, over the T-Mobile network.

A specific version for Japan is also available (consult our distributor).

ACCESSORIES (OPTIONAL)

- + Carrying bag
- + Rack mount kit for ScoopFone 4G-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, hinged

CONTACTS

For further information on AETA Audio Systems, its products and its national and international customers please go to:

www.aeta-audio.com

Or call us on **+33 141 361 200**

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 dBu
- + 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 run time: > 5 h
- + Dimensions: 158 x 134 x 48 mm (W x D x H, overall). Rack mount version: 148x134x44 mm
- + Max weight 0.635 kg (batteries excluded)
- + Max weight 0.804 kg (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/4G: IP data mode, voice/HD Voice
- + SIM card slot, two SMA antenna sockets

