SCOOPFONE 4G

AETA AUDIO SYSTEMS®

MONO

🎤 X1

🎧 X2

REMOTE ACCESS

🇫🇷 Designed and Manufactured In France

Professional mobile phone : Simple as a phone call!

AoIP   3G   4G   HD VOICE   ETHERNET

+ Broadcast audio quality (up to 20 kHz)
+ Full Duplex
+ 1 balanced mic/line input - 1 balanced line input
+ 1 balanced line output - 2 headphone outputs
+ **AoIP over 4G-LTE mobile networks**
+ **AoIP over wired Ethernet**
+ **Mobile voice over 2G/3G networks with HD Voice™ (7 kHz)**
+ Opus with on-the-fly adjustable bitrate to fit network load (16-192 kbit/s)
+ N/ACIP compliant (UER Tech 3326)
+ **SIP or direct RTP -** Factory SIP account included
+ FEC: packet duplication
+ Embedded HTML server (LAN)
+ **Remote Access** : remote access and control via Internet
+ Network quality meters
+ Easy update by USB
+ 2 Configurable status and control relays (GPIO)
+ > 5H autonomy with Rechargeable NiMH batteries, 6xAA, integrated charger
+ Phantom power
+ 2 years warranty

SUPPORTED MOBILE NETWORK

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 access to the module is granted by the mobile operator.
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.

ScoopFone 4G remains as easy to use as possible. 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.
A rackmount version is also available :
ScoopFone 4G-R.

CODING ALGORITHMS

Codec	Wired	Mobile		
	Ethernet	3G+/ 4G-LTE	UMTS	Voice- 2G/3G
GSM, AMR				3 kHz
G711	3 kHz	3 kHz		
AMR-WB				7 kHz
G722	7 kHz	7 kHz		
OPUS	20 kHz	20 kHz	20 kHz	
Legend	3 kHz	7 kHz	20 kHz	

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

Carrying bag (5 years warranty) - Optional

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).

AUDIO INTERFACES

+ 1 balanced mic/line input (XLR 3 pins)
+ 1 balanced line input (XLR 3 pins)
+ 2 headphone outputs (mini jack)
+ 1 balanced line output (combo 3 pins)

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
+ 4 selectable gains

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)
+ Noise gate and echo cancelling

GENERAL

+ Power 10–16 VDC or standard batteries (6xAA-size)
+ OLED screen
+ USB Host for easy updates
+ Push/pull SIM card holder
+ SMS
+ Phone Book
+ 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/3G+/4G: IP data mode, voice/HD Voice
+ SIM card slot, two SMA antenna sockets
+ SIP or Direct RTP
+ Dual streaming with packet replications