SCOOPY+ S

Highly versatile codec for live reports and interviews

STEREO 🎤 X3

SIP AoIP 3G 4G ISDN POTS HD VOICE™

+ AoIP over wired Ethernet
+ AoIP mobile over 3G/4G-LTE - *Optional*
+ ISDN up to 2B - *Optional*
+ Mobile by USB - *Optional*
+ Inmarsat BGAN application - *Optional*
+ PSTN - *Optional*
+ Wide range of coding algorithms, including AAC and OPUS
+ Opus with on-the-fly adjustable bitrate to fit network load (16-192 kbit/s)
+ Compliant with EBU Tech 3326 (N/ACIP)
+ SIP or Direct RTP
+ Pre registered SIP account included
+ Multicast feature
+ Safe connection with packet duplication technology

+ Broadcast audio quality (up to 20 kHz)
+ Full Duplex
+ 3 balanced mic/line inputs - 2 balanced line outputs
+ 2 headphones outputs
+ 2 antennas for better reception
+ DC or batteries > 5H autonomy with Rechargeable NiMH batteries, 6xC, integrated charger
+ Phantom power

+ Recording and editing features - *Optional*
+ FTP via IP networks for high-speed files transmission
+ USB audio device interface (mono)

Scoopy+ S is a highly versatile audio codec and can be used in a carrying bag for mobile news gathering, or on a desk for sports, events and interviews.

You are always able to perform your live transmission over IP, ISDN, POTS or using the integrated mobile network module for HD Voice, GSM, 3G and 4G/LTE.

Compact and lightweight, Scoopy+ S not only transmits from everywhere to everywhere, it also offers recording and editing functions, in addition of a coordination feature, using the mobile network.

AETA
AUDIO SYSTEMS®
30 years of audio codecs
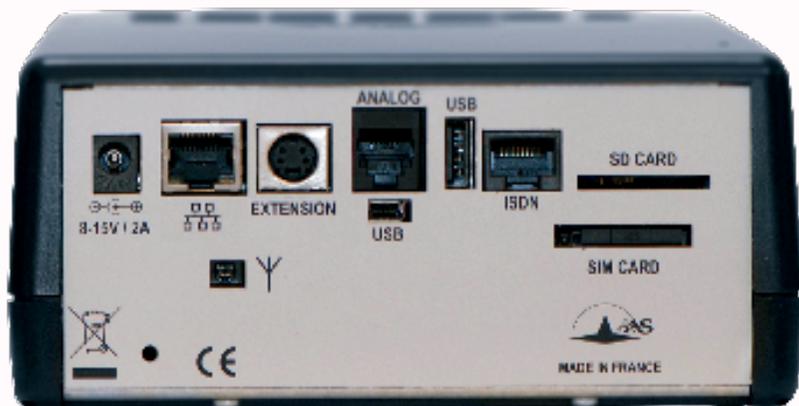
OPTIONS

Scoopy+ S comes with IP over Ethernet. Alternative transmission modes are available as options: ISDN, POTS and cellular 3G/4G-LTE with HD Voice, PSTN and Inmasrsat BGAN application.

Features	Ethernet	ISDN	Mobile HD-4G	POTS	Mobile by USB	Inmarsat BGAN
	Yes	Opt.	Opt.	Opt.	Opt.	Opt.

FREQUENCY BANDS SUPPORTED WITH "MOBILE HD-4G" OPTION:

With the «HD-4G» option, Scoopy+ S natively supports both voice service (and HD Voice) and IP transmission over 2G/3G/3G+/4G networks. By connecting a USB mobile key it can also connect to a second mobile data network.

Bands	800 MHZ	850 MHZ	900 MHZ	1800 MHZ	1900 MHZ	2100 MHZ	2600 MHZ
Band number	(20)	(5)	(8)	(3)	(2)	(1)	(7)
2G							
3G/3G+							
4G/LTE							

You can control Scoopy+ S via its dedicated web page. The product is detected by its MAC address when connected.

AETAScan scans your LAN to look for AETA codecs and displays MAC and IP addresses. http://www.aeta-audio.com/fileadmin/downloads/software/AetaScan.jar (Java needed, works on any OS). A double click on the selected codec opens its dedicated web page, enabling the configuration and control of the codec.

It is also possible to control Scoopy+ S via codec management software, such as Scoop Manager, edited by AETA Audio Systems.

Left side

Right side

CODING ALGORITHMS

Codec	Wired			Wireless		
	POTS	ISDN	Ethernet	3G+/4G LTE	3G UMTS	Voice
GSM, AMR						
G711						
AMR-WB						
CELP						
G722						
4SB ADPCM						
MPEG L2						
AAC						
OPUS						
Linear						

3 kHz	7 kHz	15 kHz	20 kHz

Carrying bag (5 years warranty) - Optional

AUDIO INTERFACES

+ 3 mic / line inputs, balanced, phantom powered
+ 2 stereo headphone outputs
+ 2 balanced line outputs
+ USB device interface for linking as sound interface with a computer

Mic/Line Inputs
+ Selectable gain 0/16/32/48 dB + potentiometer
+ 20 dB pad on input 3
+ Max input level: +19 dBu (+39 dBu on input 3)
+ High-pass filter (50 Hz, 18 dB/o)
+ Limiter (-8 dBFS)
+ 48 V phantom power

Line Outputs
+ Adjustable gain
+ Max level: -11 dBu to +22 dBu

AUDIO PERFORMANCE

+ EIN < -126 dBu @ max gain
+ Input headroom: 40 dB
+ THD + N < -78 dBu (@ 0 dB gain)
+ Frequency response : +/- 0.3 dB (20-20000 Hz)

NETWORK INTERFACES

+ Ethernet 100/10BaseT IP/SIP
+ ISDN S0 1B/2B (ETSI, NI-1/NI-2, NTT)
+ POTS (PSTN)
+ Integrated mobile access 2G/3G/3G+/4G: IP data mode, voice, HD Voice
+ Integrated dual pentaband antenna and socket for optional external antenna
+ USB host interface for extension modules: optional 3G/3G+/4G/LTE USB sticks
+ Connection with Inmarsat BGAN terminal without a laptop

GENERAL

+ Power 8-15 VDC, NiMH rechargeable cells or standard batteries (6*C-size)
+ Integrated charger for NiMH cells
+ Dimensions : 155 x 80 x 234 mm (W x H x D)
+ Max weight 1.14 kg (excluding batteries)
+ Operating temperature range 0° – 45°C.

ACCESSORIES (OPTIONAL)

+ Carrying bag
+ Car DC adapter cable
+ Spare AC/DC adapter
+ Ni-MH battery set
+ External multiband antenna, "T" shape, 3 m cable
+ GPIO extension box