

# SIMPLE AND SAFE AUDIO LINKS

## SCOOP5 S

STEREO

All the versatility and technology you need to succeed in your live audio transmissions, whatever the situation!

2 Audio channels



**AoIP** Ethernet / 3G / 4G / 5G / Wifi

**ISDN** / 2G / 3G / LL

**REMOTE ACCESS**

**SIP SERVER AETA**

**WiFi**

**4G**

**5G READY**

**VOLTE**  
Voice Over LTE  
READY

**HD VOICE**

Multi function codec for studio, control room and OB van

**2 YEAR WARRANTY**

### SIMPLICITY



- + Full Duplex
- + Embedded HTML server for easy access to all parameters
- + SIP or direct RTP
- + Factory SIP accounts included
- + N/ACIP compliant (UER Tech 3326)
- + 12 V DC powering
- + 5AS for ISDN automatic detection and setup

### SAFETY



- + Double Streaming
- + FEC for secure connection
- + Remote Access : remote access and control via Internet
- + SNMP
- + Adjustable Opus bitrate (12-256 kbit/s), during communication with no audio artefact, to fit bandwidth
- + Redundant power supply
- + Low power platform

### CONNECTIVITY



- + Double mono codec over IP
- + AoIP over wired Ethernet (x2 with adaptor)
- + AoIP over 3G/4G-LTE mobile networks
- + Wifi though USB dongle
- + ISDN (2B/4B)
- + Mobile4G - 5G by USB
- + Leased lines
- + GPIO

### AUDIO INTERFACES



- + Best in class audio quality
- + Balanced analog inputs and outputs
- + AES/EBU Digital inputs and outputs
- + 1 headphones output

With the «HD-4G» option, Scoop5 S natively supports both voice service (and HD Voice) and IP transmission over 2G/3G/3G+/4G networks. With a mobile USB dongle it can also connect to a second mobile data network for multi SIM application, such as Double Streaming feature.

## OPTIONS:

Networks	Ethernet	ISDN	Mobile via USB	Leased lines	Mobile HD-4G
	Yes	Opt.	Yes	Yes	Opt.



## CODING ALGORITHMS



**3G+ / 4G-LTE / 5G / Ethernet:** OPUS (adjustable 12-192kbits/s mono; 16-256kbits/s stereo), AAC-LC/HE/HEv2, MP3, MPEG L2, 4SB ADPCM (opt.), G722, CELP (opt.), G711, L16, L20, L24  
**Leased lines:** MPEG L2, G722



**ISDN:** AAC, MPEG L2, G722, G711  
**2G / 3G / 3G UMTS / 4G:** AMR-WB, AMR-NB, EVS VoLTE



Optional redundant power supply

### AUDIO INTERFACES

#### Analog

- + Balanced, max level adjustable 0 to +22 dBu
- + Input impedance 600Ω or 10 kΩ
- + Output impedance < 50Ω
- + XLR sockets (2 females in, 2 males out)

#### Digital

- + AES/EBU I/O
- + Sampling rate 32 kHz, 48 kHz, 96 kHz or synchronised to input (Genlock mode)
- + XLR sockets (1 female in, 1 male out)

### AUDIO PERFORMANCE

- + Bandwidth 20 – 20 000 Hz (Fs 48 kHz)
- + THD + N < -80 dB (0.01%)
- + Channel separation > 80 dB

### AUXILIARY FUNCTIONS

#### Data channel

- + RS232 interface, 300 to 9600 bauds

#### Relay transmission

- + Transmission of digital I/O: 8 inputs, 8 outputs
- + Including 2 isolated I/O

### GENERAL

- + Power supply: AC 85-263 V / optional 12 V DC
- + Dimensions (W x H x D): 480 x 44 x 252 mm
- + Weight: 3.4 kg max.
- + Temperature range: 0° to 45°C

### NETWORK INTERFACES

- + Ethernet 100 / 10BaseT
- + Second Ethernet port via USB
- + Leased line X24/X21/V11/V35 interface, 64 to 256 kbit/s
- + ISDN 2xS0 1B to 4B (ETSI, NI-1/NI-2, NTT)
- + Integrated mobile access 2G/3G/3G+/4G: IP data mode, voice/HD voice, VoLTE
- + Two SMA sockets for antennas in diversity
- + USB host interface for 3G/3G+/4G/5G / Wifi connections with USB dongle
- + 100% FEC: packet replication (standard or interleaving)

### USER INTERFACE

- + Keypad and OLED display
- + Alarm and status indicators
- + 50 programmable configuration / dialing profiles
- + Audio level monitoring for inputs and outputs
- + Headphone monitoring connection on front panel
- + Linux architecture

### CONTROL AND SUPERVISION

- + Embedded HTML server
- + Remote control via Ethernet/IP or RS232 interface
- + SNMP
- + ScoopManager

### OPTIONS

- + ISDN 2B, 4B
- + Internal 4G modem
- + Inmarsat BGAN
- + TDAC Algo
- + 12V DC power
- + Redundant power supply
- + Remote access
- + Scoopmanager
- + CELP, TDAC, MICDA 4SB

### ACCESSORIES

- + Ethernet via USB adapter
- + spare multiband antenna
- + Spare RTC ISDN separating cable
- + Spare XLR4 external power supply

### PACK SCOOP5 S

- + Scoop 5S
- + Double mono codec option
- + Remote Access option
- + Redundant power supply

### PACK SCOOP5 S - HD4G

- + Scoop 5S
- + HD-4G option
- + Double mono codec option
- + Remote Access option
- + Redundant power supply

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