

## PRODUCT SHEET & SPECIFICATIONS

# n.FORM™ IP RECEIVER/TRANSMITTER

MODEL G-1070 / G-1071



### FUNCTION

The transmitter encodes analog audio sources in real time and streams to configurable destinations. Used in high quality broadcast applications, the Instreamer has proven its simplicity where Audio over IP encoding is required.

The receiver decodes IP Audio streams and plays out the received Audio signal to amplifiers or the MPI.

### FEATURES AND CAPABILITIES

#### TRANSMITTER (G1071)

- + MP3 Encoding (low Latency).
- + Audio Level Supervision with SNMP Trap generation.
- + IP Streaming
- + Line Level Input (Stereo).
- + Power Supply (micro USB).
- + RS-232 Serial Port.

#### RECEIVER (G1070)

- + MP3, linear Decoding.
- + IP Streaming
- + Line Level Output (Stereo).
- + RS-232 Serial Port.

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## n.FORM IP RECEIVER/TRANSMITTER

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### TRANSMITTER (G-1071)

#### ELECTRICAL

+ 5V, max. 1A through Mini-USB connector

#### ETHERNET

+ RJ45, 10/100Mbps auto, Link & Activity LEDs  
+ Protocols: TCP/IP, UDP, RTP, DHCP, SNMP, SIP  
+ AutoIP, SonicIP, IPZator to ease address assignment

#### AUDIO INPUT

+ RCA connectors, 4Vpp max. level  
+ Frequency range 20Hz.. 20kHz (-3dB)  
+ Dynamic range tbd, tbd, THD <tbd% (-3dBFS)  
+ Input signal attenuable by software setting

#### MECHANICAL

+ Aluminum case, 225g, separate mounting bracket  
+ available 4.25" x 1.5" x 3.1" (108mm x 38mm x 78.7 mm)

#### AUDIO FORMATS

+ MP3, encoding/decoding up to 192/320kbps  
+ VBR and CBR support  
+ PCM 16bit @8, 16, 22.05, 24, 32, 44.1, 48 kHz

#### OPERATING ENVIRONMENT

+ Standard 0°C to +50°C / 32 to 122°F  
+ 0 - 70% relative humidity, non-condensing

### RECEIVER (G-1070)

#### ELECTRICAL

+ 9 to 30 VDC, 5 Watt max

#### ETHERNET

+ 10/100Mbps auto,  
+ RJ-45 connector with integrated Link/Activity LED  
+ Protocols: TCP/IP, UDP, RTP, SIP, DHCP, t

#### AUDIO OUTPUT

+ Line level output, 40..60 Ohm output impedance on RCA and  
1/8" headphone jack. Output level software controllable  
+ Full scale output voltage: 5.6 dBu, 4 Vpp  
+ Dynamic range 87 dB  
+ SNR/THD -87 dB, <0.05%

#### MECHANICAL

+ Aluminum case, 250g,

#### AUDIO FORMATS

+ MP3 CBR/VBR, up to 320kbps, 8..48kHz sample freq  
+ AAC, AAC plus, AAC-HE (AAC plus V2)  
+ PCM 16bit @8, 16, 22.05, 24, 32, 44.1, 48 kHz  
+ WMA (up to version 9), Ogg Vorbis

#### DIMENSIONS

+ 108x38x78.7mm (4.25x1.5x3.1 inch)