PRODUCT SHEET & SPECIFICATIONS

IP RECEIVER/ TRANSMITTER ENCLOSURE
(MODELS: G62471-EX/ G62470-IN)

- DESCRIPTION

The IP Transmitter & Enclosure work together for building to building communication. The IP Transmitter Enclosure splits the audio & data signals from the data cable only & transmits them over IP to the IP Receiver Enclosure. The IP Receiver Enclosure receives the audio & data signals from the Transmitter Enclosure.

DIMENSIONS+
h 12" x w 20" x d 6"

WEIGHT
+ 22lbs

HOUSING
+ Aluminum

INPUT VOLTAGE
+ 120 VAC

INPUTS/OUTPUTS
+ Data CAT 5e RJ45

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IP RECEIVER/TRANSMITTER

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 recieved Audio signal to amplifiers or the MPI.

FEATURES AND BENEFITS

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

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

SPECIFICATIONS

– **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

– **AUDIO FORMATS**
+ MP3, encoding/decoding up to 192/320kbps
+ VBR and CBR support
+ PCM16bit@8,16,22.05,24,32,44.1,48kHz

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

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

– **ANALOG OUTPUT**
+ Line level output, 40..60 Ohm output impedance .Output level software controllable
+ Full scale output voltage: 5.6 dBu, 4 Vpp
+ Dynamic range 87 dB
+ SNR/THD -87 dB, <0.05%

– **AUDIO FORMATS**
+ MP3 CBR/VBR, up to 320kbps, 8..48kHz sample freq
+ AAC, AAC plus, AAC-HE (AAC plus V2)
+ PCM16bit@8,16,22.05,24,32,44.1,48kHz
+ WMA (up to version 9), Ogg Vorbis

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i.LON 600

The i.LON 600 allows OPs on different floors of a building, scattered across different manufacturing pods, or located in different buildings to be seamlessly and transparently linked together. Up to 256 i.LON 600 servers may be used on the same channel, and multiple servers can operate behind a Network Address Translation (NAT) firewall.

FEATURES AND BENEFITS

+ Transforms the Internet (or any IP-based LAN or WAN) into a pathway for carrying LONWORKS control information locally, nationally, or around the world

+ Provides highest performance Layer 3 routing of LONWORKS control packets

+ Supports LONWORKS/IP channels up to 256 devices

+ Supports multiple units behind NAT firewalls

+ EIA-852 & ANSI/EIA 709.1 compliant

+ Security features include MD5 authentication for secure access

SPECIFICATIONS

– HUMIDITY (NON-CONDENSING)
  + Operating: 10% to 90% RH @ 50°C
  + Non-Operating: 90% RH max @ 50°C

– TEMPERATURE
  + Operating: 0° to +50° C
  + Non-Operating: -40° to +85° C

– NEURON CHIP SERVICE PIN FUNCTION
  + Service pin message controlled by console application or hardware service switch

– MINUMUM PC REQUIREMENTS FOR CONFIGURATION SERVER SOFTWARE
  + Pentium II @ 600 MHz, 128KB RAM, 10MB free disk space

– PROCESSOR
  + AMD Au1000 32-bit RISC

– ETHERNET PORT
  + 10/100 BaseT, auto-selecting, auto polarity

– ETHERNET CONNECTOR
  + RJ-45

– POWER
  + Operating Input Voltage 100-240 VAC, 50/60 Hz
  + Power Consumption < 15 watts

– INDICATORS
  + Power On, Ethernet Link, Activity, 10/100 Mbps, LONWORKS Tx/Rx, Connect

– CONSOLE INTERFACE
  + EIA-232, 9600 baud (8 data bits, no parity, 1 stop bit)

– CONSOLE CONNECTOR
  + DB-9

– OPERATING INPUT VOLTAGE
  + +24V AC or DC, ±33%, <15 Watts (Models 72603 & 72604)
      90V - 240V AC or DC, 50-60 Hz (Models 72601 & 72602)

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