

# E-Caster II

## Internet (RPU) Remote Pick-up System



Remote unit with mixer

### Features

- Attractive total price \$2,495.
- Complete system contains:
  - (1) 8 channel mixer
  - (1) Studio decoding unit
  - (1) Laptop with encoding software
  - (1) Touchpad and a Portable mouse
- 8 channel mixer, contains (4) low/high level XLR inputs + 4 additional high level 1/4" inputs
- Compression rates of 5.1kb to 25.9kb Rate (can be adjusted while "on the air")
- Typical program delay of 0.5seconds(Voice) 1.5seconds(Music)
- Standard Parts simplifies service
- Used with Ethernet connection, DSL, T1, ISDN, WIFI, Fiber, or 900mhz Spread Spectrum tranceiver system.
- The terminating unit includes a "cue talkback" channel



Studio decoding unit(Telelink IV)



## ENERGY-ONIX

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## DESCRIPTION

The E-caster system is an attractively priced, Linux-based, digital audio system which is designed to be used with a conventional broadband Ethernet connection such as those that are present in public sports arenas and executive offices.

The basic system consist of a portable laptop encoder and a rack mountable studio decoding terminal.

Each terminal weighs only 3.3 pounds, permits portability and minimum time to interconnect with existing Internet terminals. This connection can be achieved with a standard CAT-5 jumper, WIFI or bluetooth that is an integral part of the field unit of the E-Caster system.

This signal can be heard via head phones. Two way communication can take place between the units via a talk back channel.

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## STL SPECIFICATIONS

**Sampling Rate:** I/O 16 bit/48KHz

**Codecs Available:** Speex, GSM, Celp or MP3

**Audio Connectors Remote Unit:** Balanced XLR, 1/4Jack, RCA

**Audio Connectors Decoder Unit:** Balanced XLR

**Network Interface Remote Unit:** 10-100 Base-T, Wifi, Bluetooth

**Network Interface Decoder Unit:** 10-100 Base-T

**Transmission Data Rates:** 5.1 – 320 Kb/s (requires matching Ethernet bandwidth)

**Remote Unit Power Supply:** 19vdc, 115/220v AC 50/60 Hz

**Decoder Power Supply:** 12vdc, 115/220v AC 50/60 Hz

**Decoder Power Consumption:** 12 watts

**Decoder Dimensions:** 19"W X 8-1/2"D X 1-3/4"H (48.3cm x 21.59cm x 4.45cm)

**Weight:** 3.2 pounds (1.5KG)



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