



## edje UDP multicast reception and decode configuration instructions.

### Encoder Side:

1. Configure the encoder to the designated IP Multicast Address. Typically 224.xxx.xxx.xxx (x=any integer between 0-9)
2. Configure the encoder to the designated UDP Data Port. Typically 7070 for Optibase.
3. Set the encoding to System or Program stream. Currently video only is NOT supported. It will be in the next firmware release. Set the encoding resolution and data rate.
4. Start the encode.

### Edje Side:

1. Configure the **Multicast Mode**; options are Off, Send, or *Receive*:
  - a. From terminal type <unit name> **MMO** *receive*, <unit name> = \* if telnet.
2. Configure the **Multicast Receive Address**, Set this to the transmit IP Multicast address on the encoder:
  - a. From terminal type <unit name> **MIP** 224.0.1.250, <unit name> = \* if telnet. 224.0.1.250 is an example.
3. Configure the **Multicast Receive Port**, set this to the UDP port set in the encoder:
  - a. From terminal type <unit name> **MRP** 7070, <unit name> = \* if telnet. 7070 is an example.
4. Save the configuration: from terminal type <unit name> **CF save**, <unit name> = \* if telnet.
5. The unit will automatically start decoding.

**MMO (MulticastMode):** Options are **off**, **receive** or **send**. MMO is used when the unit is on a LAN or WAN receiving IP Uni or Multi-Casting from an Optibase, or Vbrick encoder or edje player. This is ideal for real time reception via LAN/WAN or Wireless Ethernet for point-to-point or multi-point playback and/or simultaneous playback and record of the IP transmission.

**MRI (MulticastReceiveIPAddress):** UDP and or IP UniCast or IP Multicast receiving is now supported from Optibase's Commotion UDP application and shortly Clearband's UDP server. This is ideal for real time broadcasting via LAN/WAN or Wireless Ethernet for point-to-point or multi-point playback and/or simultaneous playback and record of the IP transmission.

**MRP (MulticastReceivePort):** Port setting used in conjunction with the MMO and MRI address.