

# *E-mediate Encoding System*

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## Technical Information

The E-mediate encoding system is a small, lightweight encoder with an easy-to-learn and quick-to-use touch button interface.

The encoder has an LCD display with a wide viewing angle and excellent visibility from a distance so you can easily recognise and see the data you need for decision making. The LCD is backlit for easy viewing in reduced lighting conditions. Customised high intensity versions are available to special order.

The streamline chassis has been designed for ease of carrying as opposed to our rack mounted equipment which is advised for rack mounting only.

The auto recovery option allows the unit to auto recover after a power failure to its previous settings. For remote unattended usage this is ideal.

The unit is fully upgradable via software downloads or next day exchange.



The E-mediate System can encode to both Real Networks G2 and Windows Media Servers.

# Specifications

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The E-mediate encoding system can be used as a stand alone streaming media encoder and broadcast system or as a uplink to a streaming media server.

The unit supports the encoding of

*Windows Media Services:*

Media Encoder version 4.1  
Media Encoder version 7  
Audio  
Video

*Real Networks:*

Real Producer version 8  
Audio  
Video

The unit comes preconfigured with the standard industry encoding option but can be configured to the users specification via the optional Web administration interface  
Part no **WXXR**

## Encoder Physical Specifications

### Size

(WxDxH)  
300mm X 320mm X 78mm  
3 1/16 X 11 13/16 X 12 5/8

### Weight

**16.36 Kg**  
**36 lb**

# Specifications

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## Encoder Environmental Specifications

### Temperature range

*Operating:*  
0° to 40° C

*Non-operating*  
-40° to +75° C (RH)

### Humidity Range

*Operating:*  
Between 5% and 80%  
(non-condensing) @ 40° C

*Non-operating:*  
95% RH (non-condensing);  
gradient 30% per hour

### Altitude Range

*Operating:*  
0 to 3,048 meters (10,000 feet)

*Non-operating:*  
0 to 15,240 meters (50,000 feet)

### Electrical Specification

100 to 240VAC, 50,60Hz  
0.4 to 0.7A

## Encoder Performance Specifications

### Display

Supertwist (STN)  
Yellow-green LCD

*Resolution:*  
2 line X 16 Character

*Optimum viewing direction:*  
6 o'clock

### Indicators

- Internal Audio Alarm

### Interfaces

*Audio Input:*  
3.5mm stereo jack plug  
1 volt peak to peak

3 pin XLR Frequency range  
50Hz - 15Khz (optional)  
Part no KAMT

*Video Input:*  
Switchable via web admin  
client

S-Video 4 pin mini DIN

RCA Composite

*Operation System:*

Windows 2000 Professional



FOURTH BROADCAST NETWORK

## Specifications

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### Ordering Information

#### Encoder Options

##### **4BN4001/2/3/4**

Audio only (1-4 channels)  
Inbuilt Ethernet connectivity

##### **4BN401**

Audio only with ISDN  
switchable 56K US 64K Euro

##### **4BN410**

Video & Audio  
Inbuilt Ethernet connectivity

##### **4BN411**

Video & Audio with ISDN  
switchable 56K US 64K Euro

##### **KAMT**

XLR to 3.5mm jack  
converter

##### **WXXR**

Web administration client

For more information, contact 4BN  
sales office:

#### **United Kingdom:**

4BN  
Summerfield House  
9 Monks Hill  
Worlebury  
Bristol  
BS22 9RQ

#### **Sales Info Line**

+44 7092 164398

Subject to modification  
C 2000 4BN  
Printed 06/00  
1053-38745BN