

RGB/S & YUV TO PAL/NTSC/S.VIDEO ENCODER

FOR INSTITUTIONAL RECORDING APPLICATIONS - RGB & YUV VIDEO PROJECTION

DISPLAY ENCODER™ Ref. DENC2

- **INPUTS:
RGBS & COMPONENT (YUV)**
- **OUTPUTS: 2 VIDEO COMPOSITE
(NTSC/PAL SELECTABLE) + 1 S.VIDEO**



REFERENCES:

- DENC2-230: 230 VAC version
- DENC2-115: 115 VAC version

FEATURES:

- Built-in power supply
- Compact metal enclosure

DESCRIPTION:

The **DISPLAY ENCODER™** is an RGB/COMPONENT to COMPOSITE & S.VIDEO encoder which provides recorded YUV & RGB Video Signals on standard Composite and S.VIDEO VCR. It allows display of COMPONENT (YUV) video source (BETACAM™, DVCAM™, DVCPRO™) on any video projector with S.VIDEO or Video composite inputs. The video outputs - PAL/NTSC and S.VIDEO - are buffered and simultaneous. The **DISPLAY ENCODER™** is particularly dedicated to institutional and recording applications and is very easy to use.

TECHNICAL SPECIFICATIONS:

INPUTS:

- RGBS and COMPONENT (R-Y, Y, B-Y) VIDEO inputs on BNC Connectors
- RGBS: 0.7Vp/p under 75 Ohms (Sync: 0.3 or TTL)
- R-Y, Y, B-Y: 0.7 Vp/p under 75 Ω

OUTPUTS:

- 2 x VIDEO COMPOSITE NTSC/PAL (Simultaneous BNC Connectors)
NTSC: 3.58 MHz / 15.735 KHz - 60 Hz
PAL: 4.43 MHz / 15.625 KHz - 50 Hz

- 1 x S.VIDEO (Y/C) on 4 Pin Mini Din Connector
3.58 MHz / 15.735 KHz - 60 Hz
4.43 MHz / 15.625 KHz - 50 Hz

Please note:

the color subcarrier (SC₀) is not locked on the input Line Frequency.

USER'S CONTROLS:

FRONT PANEL:

- POWER: LED

REAR PANEL:

SWITCHES:

- Hi-z / 75 Ohms (RGB/Y, DR, DB)
- RGBS or YUV (Video input).
- 0.3 V or TTL (input sync. Level)
- TV Standard (PAL or NTSC)

DIMENSIONS:

- D 185 x W 250 x H 40 mm
D 7.3" x W 9.8" x H 1.6"

WEIGHT: 3 kg / 9 lbs

POWER SUPPLY:

- Internal
- 230 VAC/50Hz or 115 Vac/60Hz version

SUPPLIED WITH:

- 1 x S.VIDEO Cable (1.8m - 6 ft)
- 1 x AC Main Cable

WARRANTY:

3-year warranty on Parts & Labor, back to the factory

ACCESSORIES REFERENCES (optional):

- 10038: 5 BNC/5BNC cable (1.8m - 6ft)
- 10039: 5 BNC/5BNC cable (3m - 10ft)

- 10096: 5 BNC/5BNC cable (6m - 20ft)
- 10098: 5 BNC/5BNC cable (10m - 33ft)

- 10093: S.VIDEO (Y/C) cable (5m - 16ft)
- 10094: S.VIDEO (Y/C) cable (10m - 33ft)

- 10095: S.VIDEO (Y/C) cable (20m - 66ft)

- HQ Y/C: High quality 2 coax cable up to 50m / 160 ft available upon request, please see CABLES section