

FEATURES

- ❖ 1-5 Independent Video Channels (REI-2771U =1 Channel, 2772U =2 Channel, REI-2773U =3 Channel, REI-2774U =4 Channel, and REI-2775U =5 Channel)
- ❖ Translucent White Characters Variable Size and Location
- ❖ Rugged Design for Airborne and Ground Mobile Use
- ❖ Operate with RS-170A and RS-343 (FLIR) Video Signals
- ❖ Locking Power Switch
- ❖ Low power Consumption
- ❖ 28 VDC Power and GPS Lock Indicators
- ❖ Provide Accurate Time Where IRIG is Not Available
- ❖ RS-232 Remote Control of Character Position and Size

The REI-277XU is a 1-5 channel IRIG-B video character inserter designed for airborne applications. The unit is housed in a rugged metal enclosure measuring 4.0" W x 3.1" H x 6.0" D. The unit receives IRIG-B Time Code via the front mounted BNC connector. Two BNC video loops (input/output pair) are provided. Each video loop will insert the IRIG Time upon an independent video signal. +28 VDC is received via an ITT Cannon KPT02E10-98P connector.

The REI-2774U generates translucent white digits in 7 segment format. Horizontal & vertical size, position & character brightness are adjustable by means of five potentiometer controls, accessible inside the rear panel or remotely through the front panel RS-232 Serial Interface. Character height may be varied from 2% to 20% of picture height.



SPECIFICATIONS

Power Requirement:	10-40VDC, 150mA max.
IRIG-B Input Impedance:	25K ohm minimum
Mark amplitude:	10 vpp maximum, 0.3 vpp minimum
Mark to space ratio:	3:1 nominal
Video In/Out:	1 vpp, 75 ohms
Mechanical:	Black painted aluminum chassis, 4.0" W x 3.1" H x 6.0" D 4.0" W x 4.0" H x 6.0" D (REI-2774)
Operating Temperature:	0° to +70°C
Storage Temperature:	-55° to +105°C.
Humidity:	@95% non-condensing (+30°C to +60°C).

Available in Orange, Black or Custom Colors