TIME CODE DISPLAYS

ESE offers a wide variety of IRIG "type" Time Code Readers. Display sizes range from .4" high to 4.0" high and the enclosures available include Desk-Top, Console Mount, Wall Mount and Rack Mount. Larger size displays as well as custom enclosures are available as "Specials".

The units described below are designed to automatically detect, decode and display "IRIG" Time Codes. An error detection/correction feature assures continuous operation. The time code may originate from any **ESE** Master Clock/Time Code Generator with an IRIG output or any other source of IRIG-A, IRIG-B, IRIG-E, NASA 36, XR3 or 2137 Time Code (AM or TTL).

Features

- Time Zone Offset
- Brightness Control
- CS3, CS5 & CS6 Readers are also available - contact ESE
- Desk-Top, Console, Wall & Rack Mount Enclosures
- 1/4 - 6x Playspeed
- Automatic Error Detection And Correction
- Display Time Of Year (Day & Time)
- Perfect Synchronization With Master Clock
- Simple Installation & "Hands-Off" Operation
- Reads IRIG (A, B or E), NASA 36, 2137 Or XR3 Time Codes
- .4" To 4.0" Display Sizes

Each unit requires only a single pair of wires (although coax is recommended in certain environments) between itself and the Master Clock (or other source of time code). The wiring arrangement may be parallel, serial or both. Applications requiring extra long cable runs or signal isolation may require a Distribution Amplifier, refer to pages 22 & 23.

Other IRIG time codes are available on a "Custom" basis. Please contact the Factory with your specific requirement.

SPECIFICATIONS

Model #	Description	Viewing Distance	Power	Options
ES-297	6-digit, .4" Red LED in Console Mount enclosure	10'	6 Watts	J, UL, V
LX-270U/6	6-digit, .56" Amber LED in Desk-Top enclosure	20'	6 Watts	DC, J, Q, UL
LX-270U/6/Q	6-digit, .56" Amber LED in Console Mount enclosure	20'	6 Watts	DC, ESE, J, RS, UL
LX-270U/9	9-digit, .56" Amber LED in Desk-Top enclosure	20'	8 Watts	DC, J, UL
ES-270U/9	9-digit, .56" Amber LED in Rack mount enclosure	20'	8 Watts	DC, ESE, J, PoE, RS, UL
LX-271U/6	6-digit, 1.0" Amber* LED in Desk-Top enclosure	35'	6 Watts	DC, J, UL
ES-271U/9	9-digit, 1.0" Amber* LED in Rack mount enclosure	35'	8 Watts	DC, J, PoE, RS, UL
ES-272U/6	6-digit, 2.3" Red* LED in Wall mount enclosure	70'	8 Watts	DC, J, P, PoE, UL
ES-272U/9	9-digit, 2.3" Red* LED in Wall mount enclosure	70'	10 Watts	CW, DC, J, PoE, UL
ES-279U/6	6-digit, 4.0" Red* LED in Wall mount enclosure	120'	10 Watts	CW, DC, J, PoE, UL
ES-279U/9	9-digit, 4.0" Red* LED in Wall mount enclosure	120'	12 Watts	CW, DC, J, PoE, UL

*Amber, Blue, Green or Red LED display color can be specified

Display Size/Enclosure Plating	Dimensions	Connector
.4" 6-digit Console: Black ABS Plastic	2.2" H x 4.5" W x 4.5" D	BNC
.56" 6-digit Desk: Black Powder Coated Al.	1.7" H x 8" W x 6" D	BNC
.56" 6-digit Console (Q): Anodized Aluminum	3.5" H x 9" W x 8" D	BNC
.56" 9-digit Desk: Black Powder Coated Al.	1.7" H x 9.6" W x 6" D	BNC
.56" - Rack: Anodized Aluminum	1.75" H x 19" W x 10" D	BNC
1.0" - Desk: Black Powder Coated Al.	3.5" H x 12.7" W x 6" D	BNC
1.0" - Rack: Anodized Aluminum	3.5" H x 19" W x 10" D	BNC
2.3" 6-digit Wall: Black Powder Coated Al.	5" H x 15" W x 3.5" D	Terminal Block
2.3" 6-digit Rack (P): Anodized Aluminum	3.5" H x 19" W x 10" D	BNC
2.3" 9-digit Wall: Black Powder Coated Al.	5" H x 24" W x 3.5" D	Terminal Block
4.0" 6-digit Wall: Black Powder Coated Al.	6.6" H x 25.5" W x 3.5" D	Terminal Block
4.0" 9-digit Wall: Black Powder Coated Al.	6.6" H x 42.5" W x 3.5" D	Terminal Block