

TIME CODE & FREQUENCY DISTRIBUTION AMPLIFIER

The **ES-242U** is a 2 x 12 Time Code and Frequency Distribution Amplifier with an Automatic Switchover feature. It is designed to provide a simple/automatic method for switching between a Primary Source and a Secondary Source. The unit receives time code (AM or TTL) or a frequency reference (100hz to 100Khz) from two different sources (A & B) and if a fault is detected from the Primary Source (A), the **ES-242U** automatically switches to the Back-Up Source (B). Once a fault is detected, the unit remains in the "B" state until manually reset. Front panel mounted LEDs indicate status and a toggle switch allows manual switching between inputs A and B.

Features

- IRIG(A, B, E or G), NASA-36, XR3, 2137, CS3 Or Frequency Reference
- LED Status Indicators
- Rack Mount Enclosure
- Simple Installation & Operation
- Automatic Time Code Switchover
- Loop-thru Inputs For Easy Cascading Applications
- BNC Connector Inputs And Outputs



The unit also features front panel LED indicators for Power, Output Selection and Time Code Status.

An internal audible alarm and external relay contact closure can be used to alert the users when an error is detected from the primary source causing the unit to switch to the "Back-Up" source. A front panel locking toggle switch allows the audible alarm to be deactivated and a front panel "Alarm Reset" push button allows the user to reset the relay closure and the input source back to the primary input when the error has been corrected.

Specifications

- Electrical:** 117 VAC, 50/60 Hz
- Power:** 5 Watts
- Mechanical:** 1.75" x 19" Rack Mount, 10" Deep
- Inputs:** BNC Connectors, Loop-thru
- Outputs:** BNC Connectors
- Codes:** IRIG(A, B, E, or G), NASA-36, XR3, 2137, CS3, or 100hz - 100Khz
- Switchover Threshold:** Adjustable 100 mVpp - 1Vpp, 500mVpp Nominal.
- Switching Time:** Switchable 100 ms, 500 ms, or 1 cycle
- Options:** J, UL