

TIME CODE DISTRIBUTOR/RESHAPER

For Live, Studio and Video Shoot Dates

Like it's big brother the SR-112 Distripalyzer, the SR-28 can drive time code over long cables, making it ideal for synchronization during live shows and remote recording. The SR-28 time code distributor, with two inputs and eight outputs, reshapes time code while distributing it, eliminating amplitude distortions and level fluctuations. The level of each output is individually adjustable via front panel pots. The input is selected via a front panel switch. Also included are 2 power inputs and an automatic switch over in case of failure.



FEATURES

Buffered outputs:

Multiplexing a single time code source to multiple destinations can cause many problems. The SR-28 eliminates those by distributing time code through balanced and buffered outputs.

Reshaping:

The Brainstorm Time Code Distributors are more than audio DA's; they reshape the signal before distributing it. Audio DA's on the other hand, transfer all distortions and level fluctuations present at the source.

Low input threshold:

The SR-28 recognizes time code at levels much lower than the threshold of many readers (better than -30db) while still safely above the noise floor. This feature makes it often possible to recover unreadable code simply by restoring a proper level.

Output level adjust:

Output levels are adjustable individually via front panel pots from full off to +12db. These adjusted levels remain constant regardless of input level fluctuations.

Cleaning up unreadable time code:

By eliminating amplitude distortions and level fluctuations the SR-28 can often recover unreadable code.

Dual Redundant Power Supply:

The SR-28 provides 2 power inputs and an automatic switch over in case of failure.

Sound reinforcement:

The SR-28 can drive time code over long cables making it ideal for synchronization during live shows and remote recording.

SPECIFICATIONS

Configuration:

2x8 (w/ selectable input)

Input Signal:

SMPTE/EBU Longitudinal Time Code
 (Forward or reverse; play, shuttle and wind)
 Impedance: 20KW bal.; 10KW unbal.
 Level: -30dbU min; +20dbU Max

Output Signal:

Rise time: 1 μ s (square wave), 25 μ s
 (SMPTE) or 50 μ s (EBU)
 Impedance: 600W bal.; 300W unbal.
 Level: adjustable (front panel pot):
 full off to +8dbU bal.; to + 2dbU unbal.
 Amplitude distortion: less than 2%

Front Panel LED's:

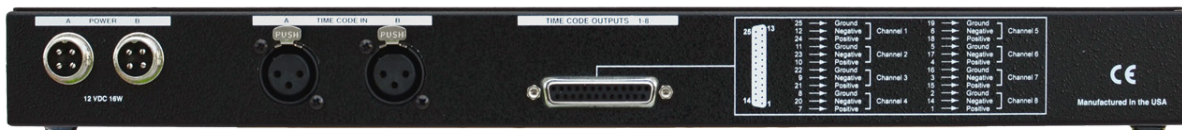
Signal present; Selected Input; Power.

Connectors:

XLR Female (2 inputs);
 DB 25 F (8 outputs)

Power: 12 VDC, 1A

Dimensions: 19" x 1 3/4" x 8 1/4"



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