

### TIME CODE DISTRIBUTOR/RESHAPER

The SR-28 is a simple and elegant solution for time code distribution. Housed in a single U 19" chassis, it provides 8 outputs and 2 inputs. The level of each output is individually adjustable via front panel pots. The input is selected via a front panel switch. In addition, the SR-28 reshapes time code while distributing it, eliminating amplitude distortions and level fluctuations.



#### FEATURES

##### Buffered outputs:

Multing 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 by reshaping it, almost as if it was regenerating over drop outs.

##### 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.

##### Selectable rise times:

The output rise time (slew limiting) is selectable between 3 presets: 1µs (square wave, preferred by most readers), 25µs (SMPTE) and 50µs (EBU).

##### 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: 1µs (square wave), 25µs (SMPTE) or 50µs (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:

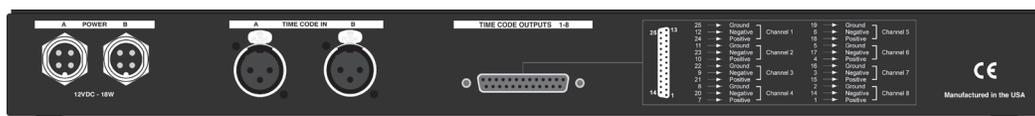
Signal present; Selected Input; Power.

##### 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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