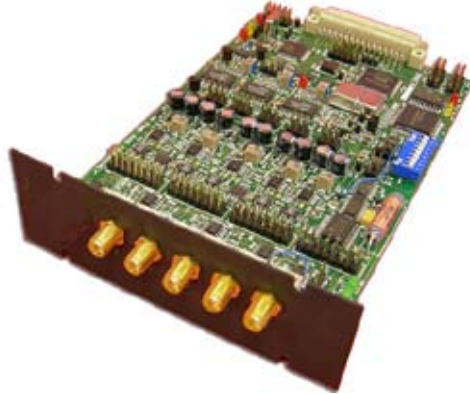


# 5 Channel Timecode Output Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The 5 Channel Timecode Output Module is capable of generating five independent timecode outputs. Data processing is achieved through an on-board CPU.



## Features

- 5 independently buffered & simultaneously available timecode outputs
- Choice of four selectable carrier frequencies: 100kHz, 10kHz, 1kHz & 100Hz
- Timecode output modulated carrier or DC timecode
- Output failure detection on all outputs
- Module failure indicator

## Options

### Additional Output Option

- 600 ohm transformer isolated outputs (5kV isolation)
- Transformer coupled maximum output levels  
100kHz: 3Vpp into 600R / 0.3Vpp into 50R  
10kHz: 14Vpp into 600R / 2.2Vpp into 50R  
1kHz: 6Vpp into 600R / 4Vpp into 50R  
100Hz: Not usable

### Timecode Options [Input & Output]

- IRIG-A, IRIG-B, IRIG-G, IRIG-H
- AFNOR
- 2137
- NASA18
- NASA36

## 5 Channel Timecode Output Module Specifications

### Output

- Modulated carrier or DC timecode from any output [BNC connector]
- Each output has Amplitude independently adjustable from 0 to 20Vpp from 50R
- Each output is independently buffered with 50R impedance
- Each DC output at is 0 to 50v from 50R (TTL compatible into 50R)
- Timing stability accuracy and holdover of outputs are as per host system.
- Jitter of modulated carrier <1%

### Timecode Formats Available

- IRIG-A, IRIG-B, IRIG-G, IRIG-H
- AFNOR
- 2137
- NASA18, NASA36

Each timecode is selectable by the host equipment front panel keyboard. The selection is stored in non-volatile memory.

### Environment (Operation & Storage)

Temperature : 0°C to +40°C  
Humidity : Up to 95% RH (non-condensing)  
EMC : CE Compliant

### Ordering Information

Please quote part number when ordering: 0210KF000F

As we are always seeking to improve our products, the information in this document only provides general indications of product capability, suitability and performance, none of which shall form any part of any contract.

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