



## Time Announce Controller TAX 161

The TAX 161 time announce controller is intended for automated broadcast control situations where it is desired to announce the correct time of day. The 161 has several features that we feel are unique and will enable a station to add time announcing with ease and low end cost.

Independent cartridge machine controls allow the system to be operated with only one cart machine. The initial and operating cost savings of one cart over two is apparent. And the control system advances the automation instead of announcing an incorrect time due to a disabled cart, or power failure, or second time request within a minute.

The use of CMOS logic, optically isolated inputs, and relay isolated outputs results in excellent noise immunity and low power consumption. Stereo audio switching is standard. The 161 has a built-in cue amplifier and speaker that simplifies time setting.

The 161 has a built-in time base which eliminates the need for an external clock.

The audio switching system sends audio to the automation **only** during a time announcement (not during a cart advance), allowing the TAX 161 to share an output with another source. This reduces automation input requirements.

The H&F TAX 161 is a complete system, not just a PC card that plugs into the automation that you don't have. Another H&F practical product, right in time for you.

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# TAX161 Specifications

## Description

The TAX161 interfaces one or two tape cartridge machines to most automation controllers adding time announce capability to automated broadcasting.

## Time Base

The internal clock is based upon the 60 Hz line frequency.

## Interface Requirements

### Automation

Start: Contact closure to ground or open collector transistor. +12V, 12 mA

EOM: Isolated relay contacts, 1 A max.

Audio: Stereo, balanced, floating.

### Cartridge Machines

Start: Isolated relay contacts, 1 A max.

EOM: Contact closure to ground or open collector transistor, 12V, 12 mA

All inputs are optically isolated. All outputs are relay isolated.

Audio switching by gold relay contacts.

## Front Panel Controls

Time Set: Pressing switch sets clock to beginning of even minute. Button lit during even minute.

Cart Enable: Pressing switch (even or odd) changes from disabled to enabled, or vice versa. Disabled cart causes system to generate EOM advancing automation. Both carts disabled on power up.

Cue Volume: Controls volume of internal cue speaker for time setting. Both machines feed cue continuously except when actually on air.

Power Requirements: 117 VAC, 0.1 A, 60 Hz

Physical Dimensions: EIA Standard 1.75 X 19 panel, 11.5 deep