

TTR LINE IDENT

Video and Audio Line Ident TTR

Broadcast Line Ident



TTR VIDEO & AUDIO LINE IDENT

The TTR Line Ident is a very versatile and flexible system which can provide both video and audio line or source ident. The modular design caters for a wide range of systems with the capability for future expansion if required. The comprehensive range of facilities includes an optional text editor and controller for video idents and an optional speech digitizer for audio idents.

The ident text is keyed into the video signal (rather than current added) and the broadcast specification allows the system to be used, for example, to identify outgoing lines from a studio or transmission centre. The economic pricing of the system, however, also means that it is equally suited to identifying lines from cameras in a security installation.

There are two basic types of system. In one system the video idents are factory programmed in PROM to provide up to 64 pages of pre-specified text per ident, the pages being selected via a switch on the front panel. Up to 180 characters can be inserted and positioned on each page, with a choice of 16 character sizes (though only one per page). The characters can be displayed within a black box if required, again selected by a front panel switch.

The second type of system is supplied with a microprocessor controlled editor and keyboard which allows the user to enter text and position it on the page. Up to 99 pages are provided, again with up to 180 characters per page in one of 16 character sizes, boxed if required. The text can also be entered remotely from a computer via an RS232 interface. This type of system includes a real time clock/calendar displaying date, hours, minutes and seconds, which can be positioned independently of the ident - the date can be switched on or off as required. As an option, systems can include a colour bar generator if required.

The audio system allows for three part idents, i.e. tone, silence and speech, with adjustable dwell between the three. The 1 KHz tone, which is switchable between 0 dB and -20 dB, includes left/right ident - the LH tone being interrupted every 3 secs, whilst the RH tone is continuous. The optional speech digitizer can store up to 30 seconds of speech/music with a bandwidth of 0 - 4 KHz. It allows idents to be "recorded" via a microphone input, the idents being stored in battery backed RAM.

Systems can vary widely in complexity, with rack unit sizes ranging from 1U up to 6U. As an example, a 24 channel system consisting of 12 dual ident inserter/generator cards plus processor and PSU, occupies a 3U frame.

Features

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| <ul style="list-style-type: none"> ● Video | <ul style="list-style-type: none"> On board keyer. Optional colour bars. 180 characters per screen. Switchable character box. Cable equalizing Video and Audio DAs. SDI or Analogue version available | <ul style="list-style-type: none"> ● Audio | <ul style="list-style-type: none"> 1 KHz tone switchable 0/-20dB. Optional speech digitizer. Adjustable dwell between tone/silence/speech. Left/right ident. SDI or Analogue version available |
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Specifications

VIDEO	<ul style="list-style-type: none"> ● Input return loss Better than 36 dB ● Gain Adjustable through unity ● Frequency response 10 KHz to 5.5 MHz \pm 0.04 dB ● Diff Phase < 0.1deg ● SDI or Analogue version available 	<ul style="list-style-type: none"> ● Output return loss Better than 36 dB ● Output DC 0V ● Diff Gain < 0.1% ● K rating < 0.5%K
AUDIO	<ul style="list-style-type: none"> ● 1 KHz tone (plus optional speech digitizer) ● SDI or Analogue version available 	
INPUTS	<ul style="list-style-type: none"> ● Video 1V (looping) ● Audio (optional speech digitizer) Mic. level 	
OUTPUTS	<ul style="list-style-type: none"> ● Video 2x 1V 75R ● Audio balanced 	
POWER	<ul style="list-style-type: none"> ● 98-125V or 198-250V 	
CASE	<ul style="list-style-type: none"> ● Width 19" rack mounting ● Height 1U (44mm) ● Depth 410mm ● Weight depends on configuration 	
	<ul style="list-style-type: none"> ● Video BNC ● Audio XLR ● Power (mating supplied) IEC 	



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