

ATCEMB-3CH-LTC**3 CHANNEL ATC TIME CODE EMBEDDER**
LTC to ATC and DVITC converter

CROSSPOINT manufactures several models of Display for installation on TV monitoring panels. **ATCEMB-3CH-LTC** is a triple channel LTC time code embedder in SDI video signals, in ATC and DVITC formats. It is used to synchronize equipments that only use the above digital TC formats.

The **ATCEMB-3CH-LTC** model combine, in a single unit , the following features:

- **Read and display input LTC**
- **Embedding of ATC time code in three independent SDI signals**
- **Simultaneous DVITC embedding**
- **SDI output signals, fully equalized and reclocked**



ATC AND DVITC TIME CODE . The model ATCEMB-3CH-LTC reads LTC time code present at the input and embeds it in three independent digital SDI video signals, in ATC and DVITC time code formats, simultaneously. DVITC embedding is optional and allows line selection (6 to 22). All three SDI video outputs are fully equalized and reclocked.

DISPLAY. A Display with LCD matrix is located in the front panel. Its brightness level is user adjustable in 99 steps.

LTC TIME CODE. The display shows the longitudinal time code LTC present at the input. It allows three modes of TC presentation:

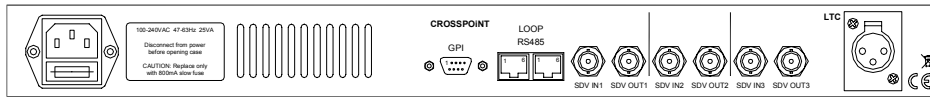
- Time code in “hh:mm:ss”
- Time code in “hh:mm:ss:ff”
- User bits

CONTROL. Their functions can be controlled with the two push-buttons located on their front panel.

The user can adjust the display brightness, activate the DVITC code in the desired video line and/or display the firmware version. All parameters are stored in a non-volatile memory.

The unit can be rack mounted in 1RU. It is power supplied directly from the 100 - 240VAC mains.

Rear view

**SPECIFICATIONS:**

Model:	ATCEMB-3CH-LTC
Displays:	1 window, 10 matrix with 5x7 LED each, 17,5 mm height.
Brightness:	Adjustable in 99 steps by using front push-buttons.
Digital video input:	3 x SDI video(SMPTE 259).
Digital video output:	3 x SDI video(SMPTE 259) in active loop, fully equalized and reclocked with embedded Time code in ATC (RP 188-1996) and DVITC(SMPTE 266M).
LTC input:	Longitudinal Time Code LTC, (SMPTE 12M.)
Modes of TC presentation:	Time code in “hh:mm:ss” Time code in “hh:mm:ss:ff” User bits
Memory:	Store Time Code and display parameters in a non-volatile memory.
Connectors:	LTC input: XLR female, balanced audio, GND to pin 1. Video: 6 x BNC. (3 input ,3 output)
Power Supply:	100-240 VAC, 47- 63Hz
Max. Consumption:	12 VA.
Size:	Width, 19”. Height, 42 mm (1RU). Depth, 125 mm (without connectors).
Weight:	2,4 Kg.

(Specifications subject to change without prior notice)

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