TC-TRX
WIRELESS TIME CODE LINK

The Ambient Time Code Link has a transceiver module.

The module can be configured to be either

Transmitter – LED lights up green

Or

Receiver – LED lights up red

There is a sliding switch inside the battery compartment to change the configuration.

Towards outside = transmitter

Towards inside = receiver.
TC-TRX

In/Out is on a LEMO 5-pin socket like all our time code equipment (and Sound Devices, Aaton, Zaxcom etc.) to ensure best compatibility:

Pin 1 = ground / shield
Pin 2 = TC – in
Pin 5 = TC - out
Mating connector: LEMO FGG/JGG.0B.305.CLADxx(ZN)

The TC-TRX is shipped with one mating LEMO connector.

Two AA batteries and use about ≤10mA in TX-mode, ≤20mA in RX-mode, power the units.

The modulation is an "amplitude manipulation" on

433 MHz (" B ", antenna marked red),
418 MHz (" A ",antenna marked blue) or
315MHz (" C ", antenna marked green)

range with that is comparable with a normal radio mike.

We ship the TC-TRX with a reduced length quarter wave antenna, length is 51mm. Replacements and alternatives available on request.
**Technical Details**

**Frequency range:**
- A = 418MHz
- B = 433MHz
- C = 315MHz

**TX Output power:**
5 – 10mW (75 Ohms)

**Powering:**
3 Volt, 2x AA-battery (Mignon-battery, each 1.5V)

**Power consumption:**
- TX-mode ≤10mA
- RX-mode ≤20mA

**Modulation:**
AM (amplitude manipulation)

**Types of antennas:**
Reduced length quarter wave, SMA connector
- 418MHz: blue marked
- 433MHz: red marked
- 315MHz: green marked

**Standard length:**
5.1cm (helical)
Replacements and alternatives available on request

**TC-input level (TX-mode):**
≥250mV (peak to peak) (Rin = 10kOhm)

**TC-output level (RX-mode):**
0 – 3 Volt (peak to peak) settable, RL ≥ 1kOhm

**Sensibility in RX-mode:**
-112dBm

**Indication:**
- TX-mode: LED lights up green
- RX-mode: LED lights up red

**Connector:**
LEMO 5-pin, FGG/JGG.0B.305.CLADxx (ZN)
- Pin 1 = ground / shield
- Pin 2 = TC – in
- Pin 5 = TC – out

**Dimensions:**
5.7cm x 9.2cm x 1.8cm (without antenna)

**Weight:**
100 grams (without batteries)

**Housing:**
Aluminum profile housing, anodized
experience quality.