

User manual

SD-26095

Stickertagdeactivator

TELSEC Stickerdeactivator

with external antenna

The TELSEC stickerdeactivator is an instrument to deactivate the paper label tags so that they will not be detected by the anti-shop lifting system located in a shop.

To avoid noise signals at which the other systems can be influenced this deactivator is only deactivating when a label is detected.

The deactivator does not have user serviceable parts inside.

The unit is build up with two units:

1. A detector
2. A deactivator

A low power transceiver detects a label when it is in the detection area.
It gives a signal to the deactivator part to send out a deactivation signal.
The deactivator sends a signal for deactivating which has a time length of only 2 micro seconds.

The sweep frequency of the transmitter is different than the system located in the shop.
Depending of the conditions it is allowed to place the deactivator within a range of 2,5 meters of the transmitter.

The detector is provided with an automatic gain control and therefore needs no adjustment.

The system in the shop is not affected by the deactivator and either the deactivator or the system will give a false alarm.

When it is located too close to a system, the gain is going down and the sensitivity can be to low.

In this case it is possible to slave the deactivator to the transmitter of the system (see slaving instructions).

Specifications:

Dimensions box	80 x 250 x 30 mm
Frequency	8,2 MHz (other frequencies on request)
Power input	12VAC 200mA
Slave input	500mVtt (128 Hz)
Sensitivity distance	Depends of antenna form
Deactivation distance	Depends of antenna form
Detection is indicated by LED (changes from green to red) and a beeper.	

To change the settings the power must be **disconnected** and the cover has to be removed

STAND ALONE / SLAVE.

Factory setting is STAND ALONE.

For slaving the jumpers must be placed in SLAVE position.

The slave cable (RG 174) must be connected.

No adjustments are required.

MANUAL / AUTO

The factory setting is AUTOMATIC.

If manual adjustment is required the jumper must be moved from AUTO position to MAN position. The sensitivity can be adjusted by the GAIN potmeter.

Turn up the gain until the LEVEL led just starts lighting.

Antenna Adjustment

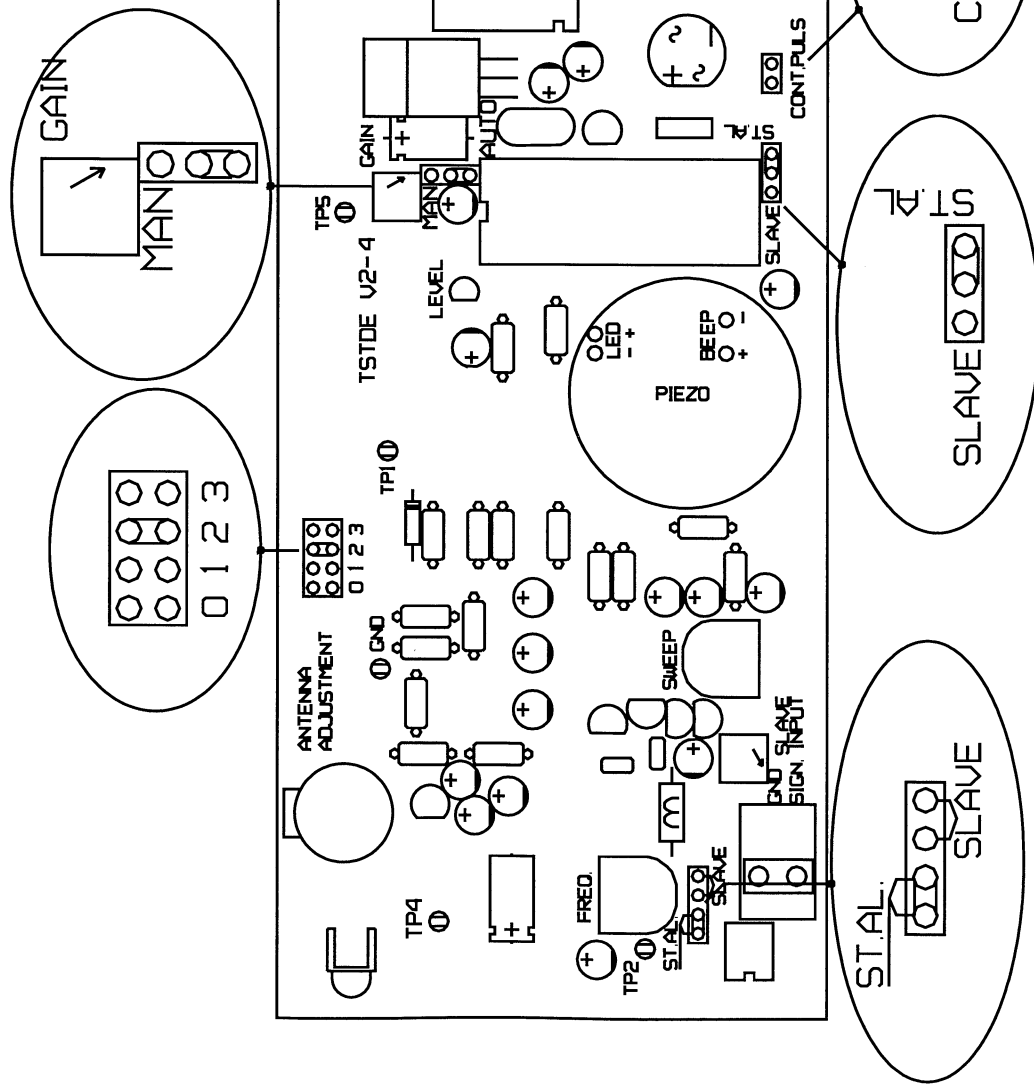
By these jumpers the external antenna can be trimmed.

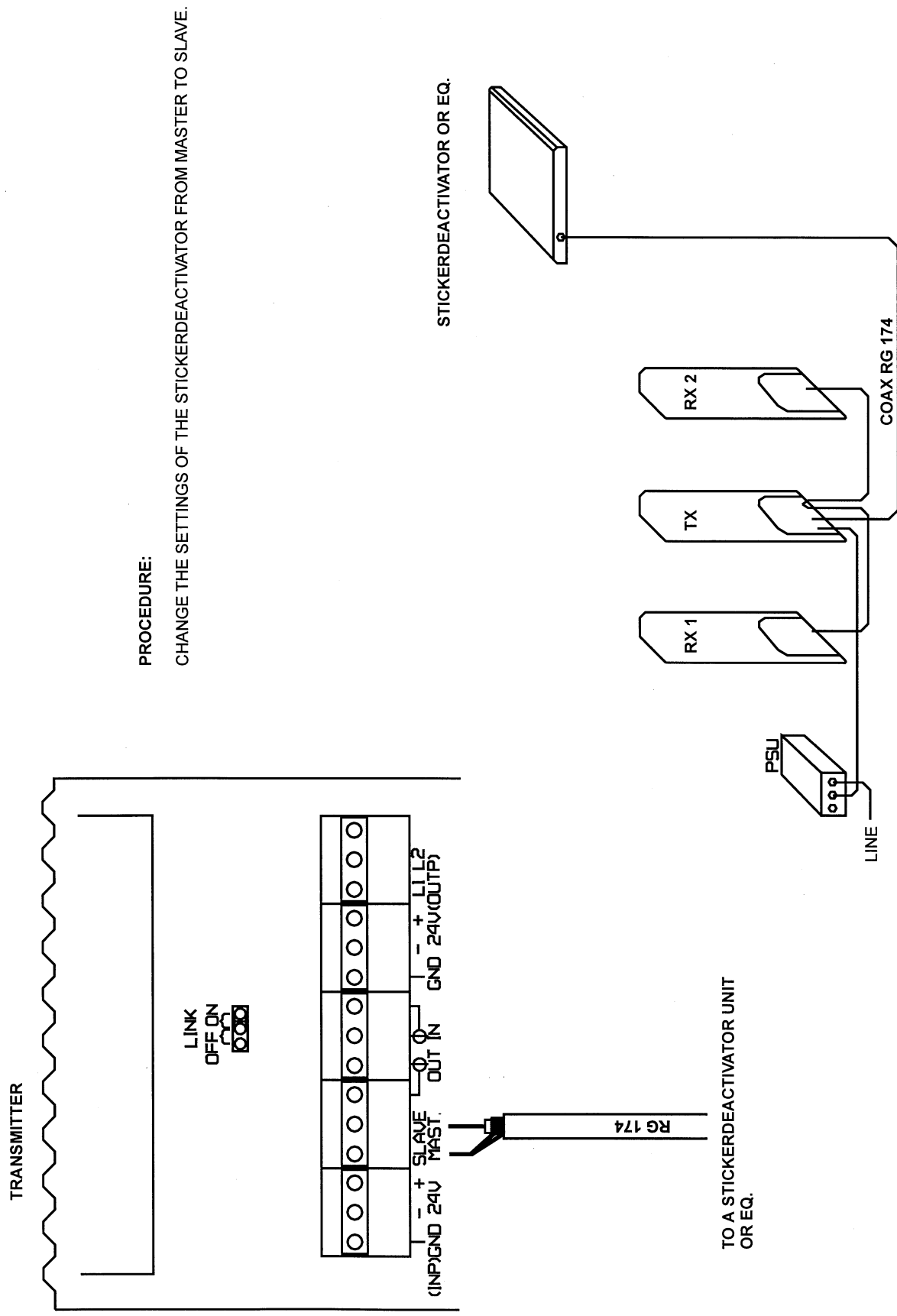
This is been done by checking the signal by means of an oscilloscope.

Preliminary adjustment has to be done by the jumpers, Fine adjustment can be done by the capacitor trimmer.

Cont.Puls

Placing a jumper at this spot the deactivator will not starts by detecting a label but gives every 20 msec. a deactivating puls.





D.D:24-09-98

TELSEC

SUBJECT: SLAVING STICKERDEACTIVATOR

DRAWING: 3.6