Stand by

Store tel. numbers
- Mem 1 — tel. number max.16 digits dialing Pause with − key
- Mem 2 — deleting numbers with: − **Mem X**
- Mem 3
- Mem 4

Message recording → Mem 0 _____ message
hold **0** pressed and talk into mic. (max 20sec.)

Pager number & message → _____ Mem 5 max. 26 digits
number & numeric message
(Enter **Fce** key after provider prefix)

Dialing method
- Mem * pulse
- Mem # tone (factory default)

Testing → Mem Fce (will call each number 1x)

Message listening → Mem 6

Start calling → Fce (even when keypad is locked)

Stop calling → End (only when keypad is unlocked)

Learn controllers → Fce 9 (TD-110W only)

Delete Controllers → End 9 − (TD-110W only)

Keypad locking → Mem − _____ _____
your code (any 4 digits)   repeat the code

Keypad unlocking ← _____ your code

JABLOTRON
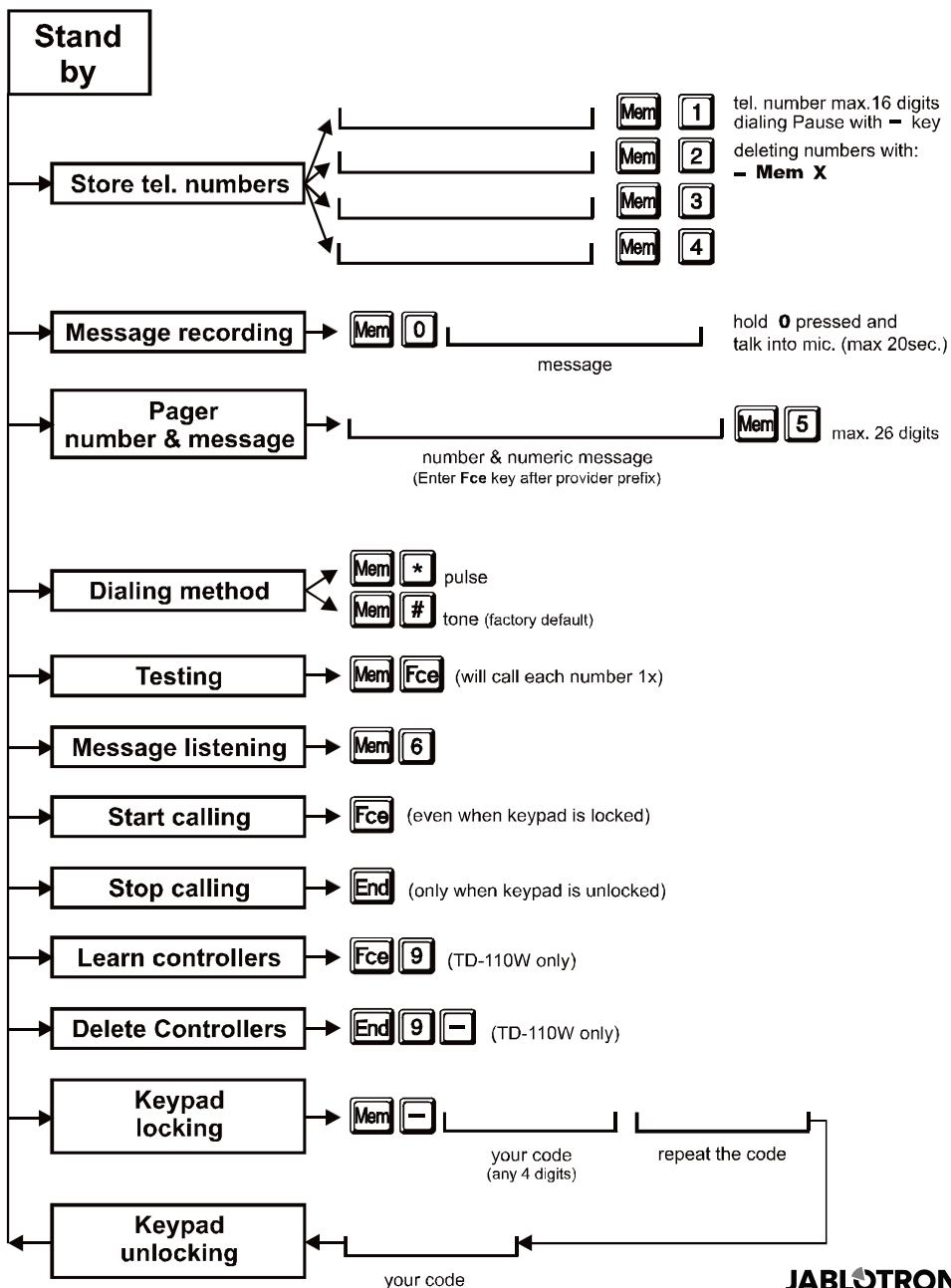CREATING ALARMS

***Note:** Although this product does not contain any harmful materials we suggest you to return the product to the dealer or directly to the producer after usage.*
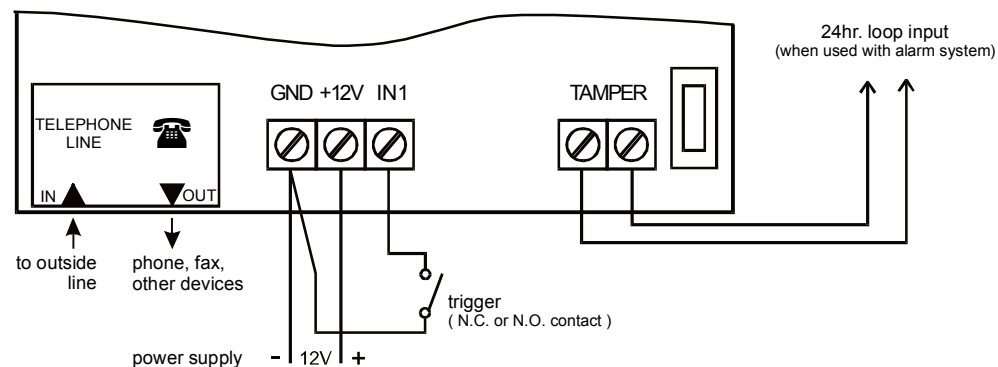
Telephone Dialer
TD-110 / TD-110W

microphone & speaker

calling _red_

locked keypad _yellow_

stand-by _green_

Manual trigger

Mem 6 **Message listening**

Pause in dialing

End of slected function

DIALER TD-110

Terminal cover
(pull on sides to open)

The TD-110 is an automatic dialing device that transmits a prerecorded voice message to 4 telephone numbers to an ordinary or mobile telephone system. It can also send a numeric message to your Pager.

The communicator can be triggered manually or by another device connected to the TD-110 input. The optional model TD-110W can also be triggered with a wireless remote control.

The communicator can automatically call for help or to report different events. Its installation and programming is extremely easy relative to traditional dialers.

Installation

Fix the communicator with two screws (spacing 100mm). Partly screw in the top screw and slide its head through the hole located in upper part of the dialer's rear housing. After opening the terminal cover, screw in the second screw. Do not try to open the upper part of TD-110 housing during installation.

Terminals

IN - telephone line connection (to outside line)
OUT - other devices (phone, fax...), in standby the phone line is running through the dialer
GND +12V - external power supply (12VDC, max. 100mA)
IN1 - trigger input - connecting or disconnecting with the GND will start dialing. Can be operated by Normally Closed or Normally Opened contact.
TAMPER - switch - normally closed contact (24hr. loop, when used with an alarm system)

After switching the power supply ON the dialer will run a self testing program and will then enter stand-by mode (a green LED will light). Enter **Mem 6** to listen to the initial voice message from the factory.

Setting

Store tel. numbers and your own message into the communicator. Setting is possible when the green LED is lit (stand by mode). Data being entering from the keypad is indicated by a red flashing LED. Started programming can be terminated with the **End** key at any time.

- **tel. numbers:** enter the number and store it with **Mem** key followed by the memory number from **1** to **4**. A tel. number can have max. of 16 digits, the area code can be separated with the **—** key (Pause). A Pause can not be used as a first digit. We recomend to store a pause after the last digit when you store a GSM phone number, this will make dialing faster for some providers.
  If # is stored after the last digit, the dialer will call this number 4 times whenever triggered.
- **message recording:** press shortly the **Mem** button then press the **0** key and hold it pressed while talking into the mic. (max. 20sec.), recording is indicated by a lit yellow LED. After releasing the **0** key, the message will play back (playback can be terminated with the **End** key).
- **Pager message:** enter exactly the same sequence of numbers as if you were to dial a pager from an ordinary phone. Then store this sequence with the **Mem 5** (max. 26 digits).
- *After the Provider Prefix, press the **Fce** key and then enter the numeric message you want sent to the pager Some Paging systems request other specific codes or pauses inside the dialed number (language selectors etc.), consult your Paging provider for details if you have trouble sending a message to the Pager.*
- **deleting numbers:** enter **— Mem x** (x = corresponding memory number from 1 to 5)
- **dialing methods:** enter **Mem *** for pulse dialing, **Mem #** for tone dialing = factory default

- **testing:** enter **Mem Fce** and the dialer will call all programmed numbers once (you will hear the tel. line signals from the built in mini speaker during the test)
- **listening to the message:** enter **Mem 6** to check the recorded voice message
- **keypad locking:** enter **Mem —** and your own customized four digit code (PIN). Repeat the code a second time for confirmation. The yellow LED will turn on and the keypad is blocked against unauthorized use.
- **keypad unlocking:** enter your code (PIN), the green LED will light. If you use the dialer with an alarm system, lock the keypad after each programming.
- **Learning of remote controls** (TD-110W only) – after entering **Mem 9** the dialer is in the remote control learning mode. Activate remote controls (max. 3) one by one (pressing any button of the remote control). Close the learning mode by pressing the **End** key. Both remote control buttons will have identical trigger function.
  Note: when the first remote control is taught in the learning mode, all previous remote controls are forgotten.
- **remote controls erasing** (TD-110W only) - enter **Mem 9 —** to erase all remote controls.

How the communicator works

The TD-110 will activate under three conditions: when its input IN1 is triggered, when the **Fce** key is pressed or when the remote control of a TD-110W is pressed.

When activated, the TD-110 will immediately disengage all other devices hooked up to the phone line (telephone, fax..). It will then, one by one, call and play the user recorded message, for all programmed numbers. If the dialer makes a successful connection to a programmed number, it will not call that number again. If the number is busy, the TD-110 will make 3 more attempts to call it.

Empty tel. number memories are skipped. The red LED indicates transmitting.

If the keypad is unlocked, the **calling sequence can be stopped** by pressing the **End** key.

If it does not work as you expected?

- check that you selected the correct dialing method (Pulse or Tone)
- check that there is a signal on the tel. line and that the dialer is powered
- enter your tel. numbers once again and confirm your voice message

Forgot your access code?

If you forgot the code you used to lock the keypad, disconnect power supply for 20 sec. After you reconnect the power enter code 1234 immediately (when the red LED lights). The green LED will light indicating that the keypad is unlocked.

Specifications

operating voltage	10 -14 VDC (adapter DE-01-12)
consumption	stand by max. 15 mA, dialing max. 100 mA
triggering	connecting or disconnecting of IN1 with GND, or pressing Fce key
remote controls	max. 3 of RC-86 (for model TD-110W only)
telephone line	electrically separated, built in over voltage protection
dialing method	pulse or tone (factory default = tone)
number of cycles	the dialer recognizes signals in the line and it calls the same number more times (max. 3x)only if ringing tone is not detected
tel. num. memories	4× 16 digits (**Mem1** to **Mem4**) for voice message sending
	1× 26 digits (**Mem5**) for Pager numeric message sending
voice mess. duration	max. 20sec., record is repeated for 40sec. during sending

for indoor use only, working temperature from -10 to +40°C
can be connected to analogue interfaces - EN 301437, ETS EN 300001, TBR 21, EG 201 121 V1.13, AS/ACIF S002 (Australia)

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Hereby, JABLOTRON ALARMS a.s., declares that this TD-110(W) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. Original of the conformity assessment can be found at the web page www.jablotron.cz, section Technical support.