**Eltako**
**ELECTRONICS**

Tap-radio® signal generator
adapter

CE

TF100A-230V

Temperature at mounting location:
0°C up to +35°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

**valid for devices from production week
07/19** (see bottom side of housing)

Wireless signal generator adapter
10A/250V AC. 100x55x45 mm
(measurements without plug), pure white
glossy. Additional An internal acoustic
signal generator with a volume of at least
80 dB will flash a load connected to the
plug. 230V incandescent lamps and
halogen lamps 1000W, ESL and 230V
LED lamps up to 200W. Standby loss
only 0.8 watt.
Adapter for German fused safety sockets.
Using easy tap-radio® technology, up to
24 wireless pushbuttons, wireless window
contatcs, window handle, smoke alarms
TF-RWB, water probes, as well as motion
sensors TF-BSB and TF-BHSB can be
taught in.
**Zero passage switching.**
Bidirectional wireless switchable.
Supply voltage and switching voltage
230V.
If supply voltage fails, the device is
switched off in defined mode.

**Start-up:**
After plugging the device into the socket
the teach-in mode is automatically active
for 2 minutes provided the memory
content is empty (as-delivered state)
and/or the teach-in mode is not blocked.
Teach-in standby is indicated by a short
acoustic signal.

**Teach in wireless pushbutton:**
**Universal pushbutton:** tap briefly 3 times;

**Direction pushbutton:** tap briefly 4 times;
**Doorbell pushbutton:** tap briefly 5 times.
**Wireless window contact:** Close and
open the window briefly 3 times;
**Wireless window handle sensor TF-FGB:**
(EEP: A5-14-09)
**Wireless window/door contact FTKB-hg:**
(EEP: A5-14-0A)
**Wireless motion sensor TF-BSB, TF-BHSB:**
(EEP: A5-07-01)
**Smoke alarm TF-RWB, water probe:**
(EEP: A5-30-03)
**Wireless water probe FWS81:** Press
briefly the piston slide valve once.
**GFVS:** (EEP: A5-38-08)
this automatically switches on confir-
mation telegrams and blocks the teach-
in mode.
After a pushbutton is taught in, it is
confirmed by a short acoustic signal;
the teach-in mode is active for a further
2 minutes.

**To prevent unintentional teach-in, the
teach-in mode is automatically blocked
2 minutes after the last teach-in, if an
direction pushbutton is already taught-
in. This is indicated by an acoustic
signal which sounds briefly twice.**

**Block teach-in mode immediately:**
Tap 3 times briefly and once long
(>2 seconds) on a direction pushbutton
that is already taught in.
Blockage is signalled by two short
acoustic signals.

**Unblock teach-in mode:**
Tap 4 times briefly and once long
(>2 seconds) on a direction pushbutton
already taught in.
Teach-in standby is indicated by a short
acoustic signal.

**Clear memory content completely
(restore as-delivered state):**
1. Unplug or plug in the adapter.
2. Tap 8 times briefly and once long
   (>2 seconds) on a direction push-
   button already taught in.
   Clear is signalled by a short acoustic
   signal.
3. Apply on 'Teach in wireless pushbutton'.
**Clear memory content completely
(restore as-delivered state) without a**

**pushbutton:** unplug and plug in the
adapter 8 times within 20 seconds.
Clear is signalled by a short acoustic
signal.

**Switch on/off confirmation telegrams:**
1. Unplug or plug in the adapter.
2. Tap 7 times briefly and once long
   (>2 seconds) on a direction push-
   button already taught in.
   *ON* is signalled by two short acoustic
   signals.
   *OFF* is signalled by a short acoustic
   signal.

**Deactivate acoustic signal generator
for alarm:**
1. Unplug or plug in the adapter.
2. Tap 5 times briefly and once long
   (>2 seconds) on a radio button that is
   already taught in.
   Deactivation is signalled by two short
   acoustic signals.

**Activate acoustic signal generator for
alarm (as-delivered state):**
1. Unplug or plug in the adapter.
2. Tap 6 times briefly and once long
   (>2 seconds) on a radio button that is
   already taught in.
   Activation is indicated by a short
   acoustic signal.

**Switch on alarm standby:**
(Alarm readiness is always active for
smoke alarm and water sensors)
**Press top of direction pushbutton.** The
actuator is on alarm standby and *ON* is
signalled by a triple acoustic signal. If a
monitored window is open or is opened
within 30 seconds after the alarm system is
enabled, a cyclical signal sounds immedia-
tely indicating that the window is open.
The signal stops immediately the window is
closed. **After 30 seconds,** incoming tele-
grams are evaluated by taught-in sensors
and the alarm is triggered if necessary.
After a power failure, the actuator returns
automatically to alarm standby.

**Switch alarm standby or alarm off:
Press bottom direction pushbutton.**
Alarm standby is switched off and the
alarm ends immediately.

*OFF* is indicated by a short acoustic signal.

**When an alarm** is triggered, an acoustic signal sounds alternating with the flashing of a connected load.

After 3 minutes (the time starts from zero at each incoming alarm telegram), the acoustic signal ends automatically. The connected load continues to flash at the rate of 1 second *ON* and 9 seconds *OFF*.

When teaching in **wireless window contacts or window handles,** the alarm switches on after a response lag time of 10 seconds when a window is opened.

After closing the window, the alarm doesn´t end automatically, it must be stopped with a direction pushbutton (press the bottom side).

After **wireless window/door contacts FTKB-hg** are taught in, the intelligent intrusion detector is active even if the alarm system is disabled. An alarm sounds when the window is opened in locked and tilt position.

When teaching in **TF-BSB or TH-BHSB motion sensors,** the alarm switches on after a response lag time of 10 seconds when motion is detected.

The alarm must be stopped with a direction pushbutton (press the bottom side).

If a **smoke detector TF-RWB or water probe** is taught-in, the alarm starts immediately after receiving the alarm telegram. After receiving the alarm end telegram, the contact doesn´t open automatically, but only via a direction pushbutton (press the bottom side).

If a **doorbell pushbutton** is pressed, an acoustic signal is generated in an 2 seconds interval until the pushbutton is released. (min. 3 times) If the doorbell pushbutton stays pressed, the acoustic signal stops after 1 minute. Alarm has always priority over the doorbell.

When an **universal pushbutton** is pressed, the alarm switches on after a response lag time of 10 seconds.

The alarm must be stopped with a direction pushbutton (press the bottom side).

Confirmation telegrams:
0x30 = Alert ON
0x10 = Alert OFF
0x70 = Relay ON
0x50 = Relay OFF

⚠ **May only be used in closed dry rooms.**
**The socket must be easily accessible.**
**Don't insert in a row.**

**EnOcean wireless**

| Frequency | 868.3 MHz |
|---|---|
| Transmit power | max. 10 mW |

**Hereby, Eltako GmbH declares that the radio equipment type TF100A-230V is in compliance with Directive 2014/53/EU.**

**The full text of the EU declaration of conformity is available at the following internet address: eltako.com**

WEEE registration number DE 30298319

**Must be kept for later use!**

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