



Tap-radio® signal generator
adapter

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
47/16** (see bottom side of housing)

Wireless signal generator adapter
10A/250V AC. 100x55x45 mm
(measurements without plug), pure white
glossy. In addition to an internal acoustic
signal generator, a plug-connected load
flashes. 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
contacts and motion sensors TF-BSB
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;

Wireless window contact: Close and
open the window briefly 3 times;

Wireless motion sensor TF-BSB:

teach-in telegram 0x1C080D80;

GFVS: teach-in telegram 0xE0400D80;
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
(>1 second) 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
(>1 second) 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
(>1 second) on a direction push-
button already taught in.
Clear is signalled by a short acoustic
signal.
3. Apply on 'Teach in wireless push-
button'.

Switch on/off confirmation telegrams:

1. Unplug or plug in the adapter.
2. Tap 7 times briefly and once long
(>1 second) 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
(>1 second) 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
(>1 second) on a radio button that is
already taught in.

Activation is indicated by a short
acoustic signal.

Switch on alarm standby:

Press top of direction pushbutton. The
actuator is on alarm standby and *ON* is
signalled by a triple acoustic signal.

After 30 seconds, incoming telegrams
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 acoustic signal ends
automatically. The connected load conti-
nues to flash at the rate of 1 second *ON*
and 9 seconds *OFF*.

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

Even while the alarm is off, telegrams
from taught in wireless window contacts
are evaluated. If a window is opened and
then the alarm standby is switched on,
3 acoustic signals are emitted, and after
these, a cyclic acoustic signal is emitted.
If the window is closed, the acoustic
signal ends immediately. If the window is
not closed, the alarm will turn on after
40 seconds.

When teaching in **TF-BSB motion sensors**,

the alarm switches on after a response
lag time of 10 seconds when motion is
detected.

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

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.

**ELTAKO GmbH hereby declares that the
products that relates to this operating
manual, are in compliance with the
essential requirements and other rele-
vant provisions of directive 1999/5/EC.
A copy of the EU declaration of conform-
ity can be requested at the address
below.**

WEEE registration number DE 30298319

Must be kept for later use!

Eltako GmbH

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