Eltako ELECTRONICS

Tap-radio® signal generator adapter

TF100A-230V

CE

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

Wireless signal generator adapter
10A/250V AC. 100x55x45mm
(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.

Up to 24 TF-BSB wireless pushbuttons,
wireless window contacts and motion
sensors 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.

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. If no action occurs for
2 minutes, the teach-in mode ends
automatically. This is indicated by a
brief acoustic signal.

**To prevent accidental teach-in, block
the teach-in mode immediately after
teaching in all the wireless push-
buttons.**

Block teach-in mode:
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:
1. Unplug or plug in the adapter.
2. 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.
3. Apply on 'Teach in wireless push-
button'.

**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 30 seconds when a
window is opened.

When teaching in **TF-BSB motion sensors,**
the alarm switches on after a response
lag time of 30 seconds when motion is
detected.

When an **universal pushbutton** is pressed,
the alarm switches on after a response lag
time of 30 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 confor-
mity can be requested at the address
below.**

WEEE registration number DE 30298319

Must be kept for later use!