

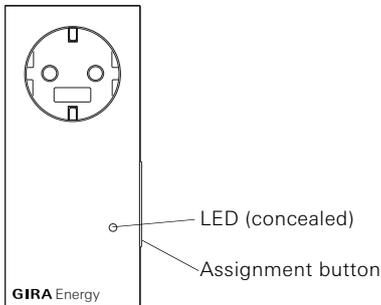
Energy adapter
2353 02

GIRA

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06/11

GIRA



Warranty

We provide a warranty in accordance with the statutory requirements. Please send the device postage paid with error description via the specialist trade to our central customer service centre.

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstraße 12
42477 Radevormwald

Safety instructions

Load the device only with the maximum permissible current (16 A).

Devices in plug-socket housings must not be switched consecutively.

Only operate device indoors and avoid influence of humidity, dust, sun and heat.

Proper use

The Gira energy adapter is for the measurement of energy consumption for an electrical device. The energy values can only be displayed by the energy and weather display.

Uses other than those specified in these operating instructions are not in accordance with the intended purpose and lead to exclusion of warranty and liability. This is also the case with modifications and conversions.

The values measured are not suitable for purposes of public information. The device is intended solely for private use and not for invoicing.

Functional description

The Gira energy adapter determines energy consumption (kWh), effective output (W) and voltage (V) of a connected device and transmits the data via radio to the Gira energy and weather display.

Start-up

The energy adapter is supplied with voltage via the 230 V mains supply.

1. Insert the energy adapter into a socket outlet for starting up.
2. Insert the mains plug of the device to be measured into the energy adapter.

i Use of socket outlet strips

If the energy adapter is to be used with a socket outlet strip that can be switched off, then the energy adapter must be connected between the socket outlet and the switchable socket outlet strip.

Assigning the energy adapter

Radio components must be assigned to each other to enable communication.

1. Press and hold the assignment button of the energy adapter for three seconds.
 - ✓ The energy adapter now transmits an assignment signal every five seconds for the next five minutes. The LED lights up for the duration of this assignment procedure.
2. Trigger the programming mode on the energy and weather display within these five minutes (see operating instructions for the energy and weather display).
 - ✓ Following successful assignment, the energy and weather display then displays the energy adapter data.
3. Pressing the assignment button again exits the programming mode of the energy adapter.

An energy adapter can be assigned to any number of energy and weather displays.

Deleting the assignment

Deleting the energy adapter assignment is only possible at the energy and weather display.

Transmission behaviour and radio interference

The energy adapter transmits data at periods of 2 – 3 minutes to the energy and weather display.

Radio transmission occurs on a non-exclusive transmission path, and interference cannot be excluded for this reason. For further information please consult the energy and weather display operating instructions.

In order to manually restore synchronisation, the assignment of the energy adapter can be deactivated and reassigned by the energy and weather display, as specified in the "Assigning the energy adapter" section.

Maintenance and cleaning

The product is maintenance-free. Leave repair to a qualified expert. Clean the product with a clean, soft, dry and lint-free cloth.

The cloth may be dampened with luke-warm water for removal of heavier soiling.

Do not use solvent-based cleaning materials. The plastic housing and inscription may be adversely affected.

Before cleaning, disconnect the energy adapter from the mains. Pull it out of the socket outlet for this.

Measurement data

	Measurement range	Precision	Resolution
Effective output	2.3 – 9.9 W	10% ± 2 digits	1 W
	10 – 99 W	2.0% ± 5 digits	1 W
	100 – 827 W	1.5% ± 3 digits	1 W
	828 – 4080 W	1.5% ± 11 digits	1 W
Energy consumption	0 – 16,777 kWh	1 Wh	
Measurement period	0 – 1941 days	Quartz stability	10 secs

Technical data

Power supply:	230 V / 50 Hz
Maximum load current:	16.0 A
Stand-by mode:	< 1 W
Transmission frequency:	868.35 MHz
Transmission interval:	2 to 3 minutes (dynamic)
Free field range:	100 m
Ambient temperature:	0 to 40°C
Measurement category:	CAT II
Protection type:	IP20
Dimensions (WxHxD):	56 x 126 x 78 mm

i Note

The manufacturer or seller of this energy adapter accepts no responsibility for incorrect measurement values and any consequences that may ensue.

Declaration of Conformity

The energy adapter may be operated in all EU and EFTA countries.

The declaration of conformity can be downloaded at www.download.gira.de.