GIRA Data sheet

Gira X1

Specification	Order No.	Packing unit	PS	EAN
DRA	2096 00	1	25	4010337023647

Features

- visualisation server for mobile end devices (iOS and Android) and logic module in one device.
- Gira Smart Home App also available for PCs with Windows® operating system.
- Visualisation functions:
  Dimmer (RGB, RGBW, Tunable White), switch, button, blind and shutter with and without positioning, heating, air conditioning, scene auxiliary unit, scene set, IP camera, status display, value transmitter, percentage value transmitter, temperature value transmitter, sauna control, audio control, and A/C
- Up to 250 functions can be controlled via the app for each project.
- Up to 250 function clocks can be set by the user in the app.
- Up to 62 users can be created in user management.
- Occupancy simulation
- Voice control (Amazon Alexa and Google Assistant) in combination with Gira S1.
- Connection to Sonos and Philips Hue, limited to a maximum of 30 functions or a maximum of five Hue Bridges.
- Direct communication with Gira L1 to exchange data and values via Ethernet.
- Simultaneous access to the Gira X1 from 10 mobile end devices.
- Intuitive app user interface that can be adapted by the user.
- Logic functions:
  A range of functions thanks to the module library with 36 logic modules (e.g. basic mathematical operations, shutters and blind control, temperature control, partition wall control, staircase lighting, random generator).
- Configurable logic nodes (e.g. freely selectable number of inputs).
- Easy parameterisation of timers and scenes:
  up to 50 timers with 10 switching times each.
  up to 50 scene sets with 64 scenes each.
- Up to 1450 data points can be used in one project
  (1000 KNX group address data points, 450 discretionary device data points).
- Optimised start-up:
  Fast project changes and updates during operation without the need to restart the device.
- Two RJ45 sockets with switch functionality support simple loop-through of the patch cable.
- KNX interface function for starting up the ETS project remotely.
- Readout of current Gira X1 runtime project via GPA.
- Project saving:
  Saving of a project copy on the Gira X1.
- Start-up:
  The physical address and application are parameterised with the KNX start-up software ETS from version 4.1.8.
  Further configuration is performed in the Gira Project Assistant (GPA). The Gira Project Assistant is available free of charge in the Gira download area.

Illustrations are similar and may deviate from originals.

- Functional extensions and updates via firmware and software updates.

High security:

- Easy remote access with the Gira S1.
- Remote app access via integrated OpenVPN server.
- Remote maintenance via integrated OpenVPN server.
- The device password protects the Gira X1 against unauthorised access.
- Encrypted TLS data transfer between app and Gira X1 as well as between GPA and Gira X1 prevents interception by third parties.
- Hardware prepared for KNX Secure. Future firmware update required.
- VDE certificate "Smart Home – Information Security Tested".

Technical data

KNX medium:	TP256
Rated voltage:	DC 24 to 30 V
Power consumption:	4 W
IP communication:	Ethernet 10/100 BaseT (10/100 Mbit/s)
Supported protocols:	DHCP, AutoIP, TCP/IP, UDP/IP
Connections	
- IP:	2 x RJ45 jacks
- KNX:	Connection and junction terminal
Ambient temperature:	0 °C to +45 °C

Notes

- Supply via external DC 24 V.
- Gira X1 software extensions available in the Gira App Shop
The Gira X1 (item no.: 2096 00) is equipped with 250 functions and 1,000 data points in the standard scope of delivery. Chargeable add-on packages for the Gira X1 are available in the Gira App Shop (https://appshop.gira.com).

- Gira X1 software extension with 125 functions provides:
Additional 125 functions and 500 extra data points, resulting in the Gira X1 having more than 375 functions and 1,500 data points.
- Gira X1 software extension with 250 functions provides:
Additional 250 functions and 1,000 extra data points, resulting in the Gira X1 having more than 500 functions and 2,000 data points.

It is possible to extend a Gira X1 with both packages. The Gira X1 would then have a total of more than 625 functions and 2,500 data points. Each add-on package can only be licensed once.

Dimensions

Modular widths (MW):	2

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