

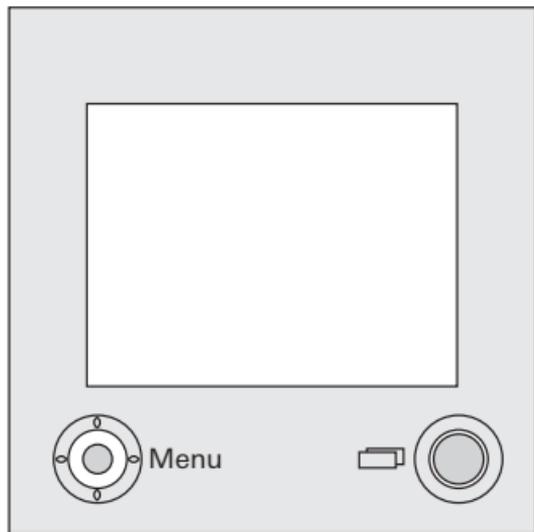
Operating Instructions

TFT colour display
1286 ..

GIRA

Device description

The TFT colour display is part of the Gira door communication system and is used for the expansion of the home stations.



The high-resolution active TFT colour display features LED backlighting.

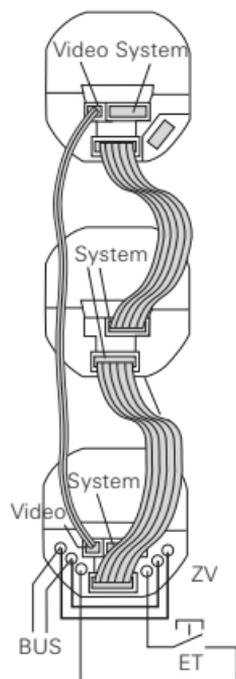
The status indication and menu guidance occur via text presentations in the TFT display (OSD function).

Operation of the TFT display occurs via the On/Off button and the control button (with 5-way navigation).



Attention

Installation and mounting of electrical devices may only be carried out by a qualified electrician.



The TFT colour display is operated together with a home station.

1. Insert the 6-pole connection cable into a system slot of the home station.
2. Insert the 2-pole connection cable into the video slot of the bus coupler of the door station.



Bus coupler jumpers

When operating the TFT display, the accompanying wire jumpers must be connected between BUS and ZV at the bus coupler of the home station.

3. Guide both connection cables into the panel box of the TFT display.

4. Insert both connection cables into the display insert.



Colour marking on display insert and top unit

To avoid mix-ups, the display inserts and top units are marked with a blue dot.

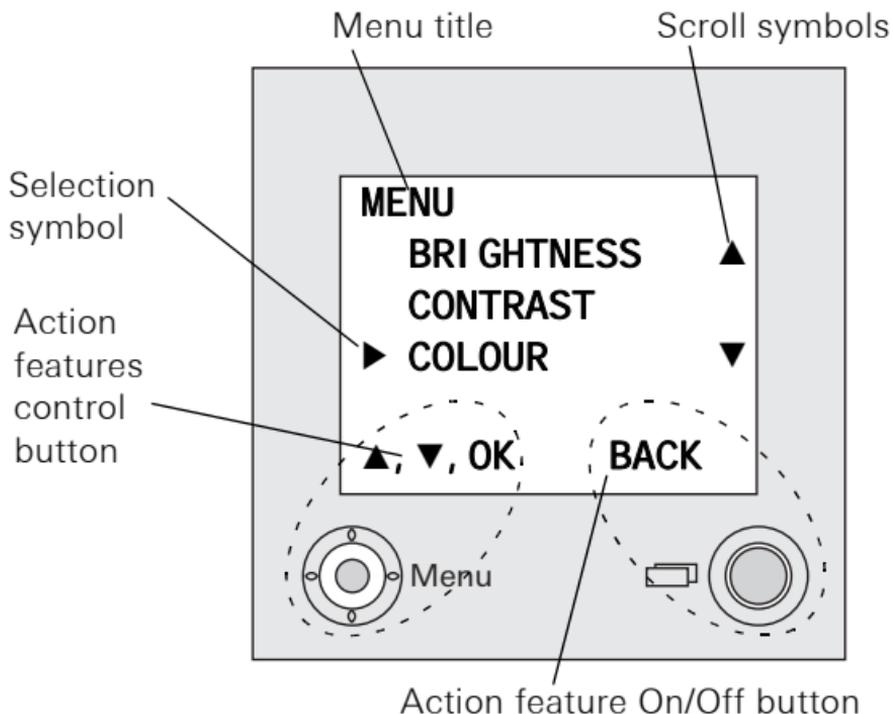
5. Install the display insert.
6. Set down the cover frame and attach the TFT display and the other inserts of the home station to the flush-mounted inserts.

Start-up

Once you have installed all of the devices (door and home stations, video control device etc.), you can start up the door communication system.

Start-up is described in the system manual included with the video control device.

Structure of the menu interface



Menu title

The menu title indicates the current menu item (main menu in this case).

Scroll symbols

The scroll symbols indicate the direction in which you can navigate with the control button.

Selection symbol

The selection symbol indicates the menu item that you have just selected with the control button.

In this example, pressing the control button in the centre calls up the "Colour" menu item.

Action features control button

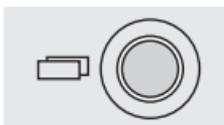
The presently available control-button actions are displayed here.

In this example, you can navigate up/down (▲▼) and call up the selected menu item (Colour) by pressing the centre of the control button (OK).

Action features On/Off button

The presently available On/Off button actions are displayed here.

In this example, you can exit the main menu with the On/Off button.



On/Off button

With the On/Off button, you can specifically switch the TFT colour display and the corresponding colour camera on and off, and switch between several colour cameras.

To **switch on**, briefly press the On/Off button. If several colour cameras are present, the last active camera is switched on.

To **switch off**, press and hold the On/Off button for approx. 3 seconds.

If several colour cameras are connected, the On/Off button is also used to **switch** to the next camera; after a door call, the picture from the camera at the door station that initiated the door call is displayed first. By pressing the On/Off button, the display switches to the next camera and then the next. When the last camera is reached, the next press of the button returns you to the first camera.

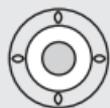
The number of the active camera (e.g. Cam 1) is displayed in the lower area of the TFT display for approx. five seconds.

In **menu mode**, the On/Off button functions as a "back button", i.e. pressing this button moves you one step back in the menu or the menu is exited.



Note

If a menu is exited with the "back button", changes are not accepted.



Menu

Control button (menu)

Control button with 5-way navigation for the directions up, down, left, right and centre.

When the TFT display is switched on, activate the setting menu by pressing the centre of the control button.

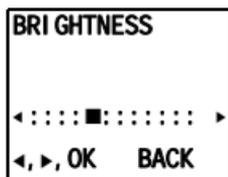
You can navigate in the menu with the control button. The arrows in the display and the action features in the lower area of the display indicate the available navigation directions of the control button.

Setting menu

You access the setting menu by pressing the centre of the control button with the TFT display switched on.

The following setting options are available in this menu:

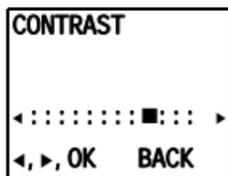
Brightness



You set the display brightness with the control button ◀▶ here.

Confirm the brightness setting by pressing the centre of the control button (OK).

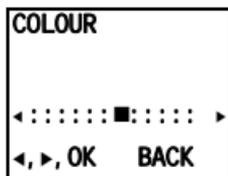
Contrast



You set the display contrast with the control button ◀▶ here.

Confirm the contrast setting by pressing the centre of the control button (OK).

Colour



You set the colour intensity of the TFT display with the control button ◀▶ here.

Confirm the colour setting by pressing the centre of the control button (OK).

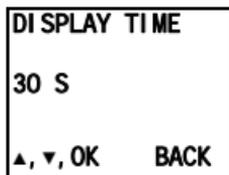


Information about the menu items "Brightness", "Contrast", "Colour"

Settings can only be carried out for "Brightness", "Contrast" and "Colour" if a colour camera has been previously selected.

These settings only apply to the connection from active TFT display to active colour camera in each case. This means that if several TFT displays and/or colour cameras are installed, these parameters can be set individually for each camera on each TFT display.

Display time



Factory setting: 30 seconds

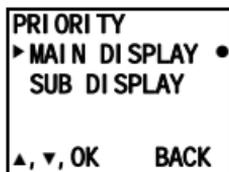
The display time specifies after what time the display is automatically switched off.

Select the display time of the TFT display in the range of 20 to 120 sec. with the control button ▲▼. Confirm the display time you have selected by pressing the centre of the control button (OK).

Start-up menu

You access the start-up menu by pressing the control button with the TFT display switched on and while the Gira door communication system is in programming mode. To start programming mode, press the "Systemprogr." button at the control device for 3 seconds until the yellow LED next to the "Systemprogr." button flashes. The following setting options are available in the start-up menu:

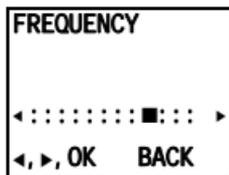
Priority



Factory setting: Main display.

If several video displays (TFT display, VideoTerminal or TV Gateway) are operated in one flat, a maximum of one device may serve as the main display per call but-
ton; the others are defined as sub dis-
plays. The **main display** is automatically switched on with an incoming door call. The **sub displays** are only switched on or off with call acceptance at the home sta-
tion after a door call or with the On/Off button.

Frequency



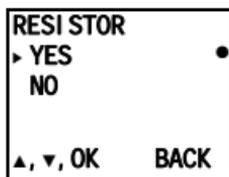
The optimum frequency of the video signal of the currently active transfer path is set for fine-tuning of the video signal between the camera and the display using the control button ◀▶.



Setting with several TFT displays and colour cameras

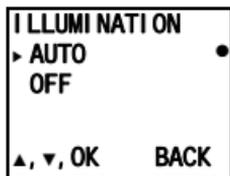
The frequency setting applies only for the connection from the active TFT display to the active colour camera. This means that the frequency for the transfer path between the TFT display and the colour camera must be set individually if several TFT displays and/or colour cameras are present.

Resistor



Factory setting: Yes

The terminating resistance of the TFT display is activated/deactivated here. This setting is dependent on the topology. More detailed information on this is available in the system manual included with the video control device.



ILLUMINATION

Factory setting: Auto

The behaviour of the field of view illumination of the colour camera is set here.

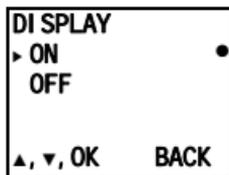
Auto: The field of view illumination of the colour camera is switched on for a door call or with manual switching on of the TFT display if the ambient brightness is less than 1 lux.

Off: The field of view illumination always remains switched off.



Setting with several TFT displays

If several TFT displays are present, this setting must be made at all TFT displays. These settings only apply to the connection from active TFT display to active colour camera. This means that if several TFT displays and/or colour cameras are installed, the lighting can be set individually for each camera on each TFT display.



Display

Factory setting: On

Here you set whether the TFT display can be switched on via the On/Off button.

On: The TFT display is switched on either after a door call or via the On/Off button.

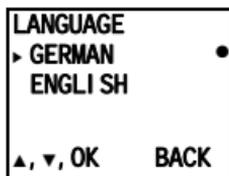
Off: The TFT display is only switched on after a door call.

Manual switch-on via the On/Off button is not possible with this setting.



Setting with several TFT displays

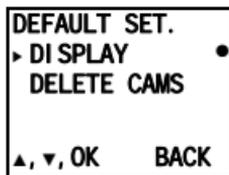
If several TFT displays are present, this setting must be made at all TFT displays.



Language

Factory setting: German

The menu language German or English can be selected here.



Default setting

The settings are restored to the factory settings here.

A differentiation is made between:

Display: Here the values of the menu items Priority, Resistor, Display, Language, Brightness, Contrast, Colour and Switch-on time are reset to the factory setting.

The assignments to colour cameras and call buttons are retained.

Delete cams: All camera assignments are cleared here.

The values in the menus Frequency, Lighting, Brightness, Contrast and Colour are reset to the factory setting.

"Delete cameras" is, for example, required if the bus connector of the video door station is to be replaced.

Once you have executed this function, the cameras must be registered again: for this purpose, start the programming mode on the control device and press any call button on all door stations with a colour camera for 3 seconds each.

Important: Go through the door stations in the order which is to be displayed later in the TFT display (e.g. Main door cam 1, Side door cam 2 etc.).

Version

VERSION
02.00
01.50-AS
BACK

The current software version of the TFT display insert and top unit is displayed here.

Additional menu items

The following are the menu items also available in the setting menu:

- Brightness (see Page 10)
- Contrast (see Page 10)
- Colour (see Page 10)
- Display time (see Page 11)

Technical data

Power supply:	via system bus
Connections display insert:	2 connector strips system bus 1 connector strip video 1 connector strip for future applications.
Colour system:	PAL
Number of pixels:	
System55:	640 x 480 (H x V)
F100:	960 x 240 (H x V)
Temperature range:	5 °C to + 50 °C

Warranty

The warranty is provided in accordance with statutory requirements via the specialist trade.

Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/installation company/electrical specialist trade).

They will forward the devices to the Gira Service Center.

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