

Eikon Evo

21512.1

Touch screen colour Full Flat - 3 modules.

Device with a touch screen to be used in the By-me automation system for controlling lights, roller shutters, air-conditioning, scenarios and speaker system. In addition, if the system is also fitted with the load control, the device enables viewing the state of the loads themselves. It does not handle the intrusion detection system.

CAUTION: For the flush-mounted controls only (art. 01480, 01481, 01482, 01485, 01486 and 01487), the function of pressing the button briefly or holding it down dynamically change the behaviour of the timer actuator (from monostable timed to bistable or vice versa) configured in the same group.

• SETTING DATE AND TIME

By touching the icon it is possible to set the time and date to be displayed. Using the and icons set the blinking value to bring it to the desired time and the day, month and year and finally confirm by touching the icon .

• SETTING BACKLIGHTING AND CONTRAST OF THE DISPLAY

On touching the icon the display shows the screen that enables setting the backlighting and the contrast of the display.

The setting is made by keeping your finger on the and icons to reach the desired level and then it is confirmed with .

• SETTING THE AUDIBLE WARNING

With the icon our icon it is possible to enable or disable the audible warning (beep) that accompanies touching the icons displayed on the touch screen.

• SETTING TEMPERATURE UNIT

With the icon our icon in correspondence of the wording of temperature unit, you select the units in which temperature is displayed.

• CONTROL MANAGEMENT

From the main menu, by touching the icon, you access the screen that enables viewing and controlling the devices configured in the rooms controlled by the touch screen. For example:



WARNING - Operation of the icons of activation of the scenarios:

- Short press: Activate the scenario.
- Long press (5 seconds): storage scenario (are stored and overwritten states of the groups involved in the scenario being created).

Managing RGB lamps

The video touch screen enables managing switching on/off, adjusting/changing the hue, saturation, and brightness of the RGB lamps and it will also be possible to activate the Fading-Show application configured on the controller by your installer. Depending on the operating mode, the adjustment icon will be displayed as follows:

- Lamp ON.

In this case the degree of illumination is constant (no adjustment) and the colour is fixed.



- Lamp OFF.

As above but with the lamp off.



- Lamp under adjustment.

In this case the degree of illumination is adjustable (level displayed by the scroll bar) and the colour is fixed.



- Lamp ON in Fading-Show mode.

In this case the lamp is on and it provides the lighting sequence configured on the controller.



Tapping the icon opens the screen where you make the colour settings.



• With and on **Saturation** you set the percentage of “vividness” of the colour.

• With and on **Brightness** you set the percentage of “contrast” of the colour.

• Tapping confirms the settings you have made.

• Tapping the icon opens the screen where you make the Fading-Show settings.



The function of Fading-Show allows to set a cyclical sequence of colors (up to a maximum of 6) for color changes and the play of light in the environments where the lamps are installed RGB.

• With and on **Persistence** you set the time during which each of the colors remains fixed.

• With and on **Transition** you set the time that elapses between the passage of a gradual color to the next.

• Tapping confirms the settings you have made.

• Tapping the icon associated with each of the colors that make up the sequence is going to change the color characteristics of that color; in fact will see the following screen:

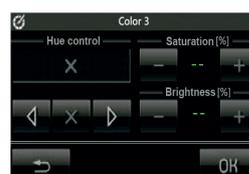


• With and you set the tone of color that will match the position of the cursor to the position desired color.

• With and you set **Saturation** and **Brightness**.

• Tapping confirms the settings you have made.

• Tapping you remove the color selected by the sequence of Fading-Show and the screen will become as follows:



• Tapping confirms the settings you have made.

• Tapping the icon to activate the sequence Fading-Show just set.

When the sequence is active and you fall into the menu Fading-Show, the screen becomes the following:



- Tapping the icon will stop the sequence of Fading-Show set.

Example for setting the Fading-Show with 4 colors.

- With the icon set the desired 4 colors; with remove the 2 colors that you want to include in the sequence.
- With and set the **Persistence** and **Transition** (for example, 2 min and 15 s respectively).
- Tapping confirms the settings you have made.
- Tapping to activate the sequence Fading-Show just set.

In the case considered the color remains fixed for 2 minutes then it will start to change up to the next color within 15 seconds.

Dimmer feature when it is combined with the “Brightness Sensor”

If the system is fitted with a brightness sensor combined with art. 01467, you can keep the brightness in a room automatically constant according to the value read by the sensor and a brightness setpoint that is set automatically with each adjustment on the dimmer.

The function of keeping the brightness constant can be switched on/off at any time by tapping ; in this case the controls become the same as for any other dimmed lighting point.

This function then allows obtaining energy savings as natural light is used, as long as possible, instead of artificial light for lighting the room.

On the touchscreen, the dimmer combined with the brightness sensor can be added to any room screen and the view is similar to the following:



• THERMOSTAT AND TEMPERATURE PROBE

In the touchscreen, at the graphical user interface level, the thermostat and the temperature probe behave in a similar way; it will then display:

- Current temperature.
- Temperature measured by the external sensor connected to the thermostat input (if fitted).
- Relative humidity, measured by the electronic humidity sensor (if fitted).
- Speed of fan coil (if fitted).
- Current setpoint.
- Output status (on, off and, when present, with boost) .
- Alarm symbol of an external probe used as a screed alarm in an underfloor system .



With the touchscreen you can set:

- Seasonal mode SUMMER – NEUTRAL ZONE – WINTER.
- Operating mode.
- Temperature setpoint.
- Fan coil speed (1-2-3 AUTO or setting on a proportional value, in steps of 10%, between 0 and 100% or AUTO)

• OTHER TYPES OF ADJUSTMENTS

The touchscreen lets you make other types of proportional adjustments that are not necessarily related to the lighting; a viewing example can be as follows:



On in the adjustment phase Adjustment OFF

If there is a fault on the output that you are adjusting, the associated control will display a specific warning instead of the adjustment value:



If the system includes the device with 3 analogue inputs 01467 which is connected to a dedicated sensor, the room control screens may display one or more instantaneous values of different variables measured by the sensor.

The variables that can be viewed, which can be brightness, wind speed, barometric pressure, relative humidity, air quality, air flow, voltage, electric current, power, amount of rainfall and temperature, are shown as follows:



If the displayed variable is relative humidity and when envisaged by the system, you can set a setpoint on exceeding which a special alarm will be displayed, and activated when needed.

On the previous screen, notice that the ON/OFF output status indicator linked to it may be absent if the humidity control is disabled on the setpoint adjustment screen.

- Tapping displays the screen for setpoint adjustment (minimum value 20% - maximum value 80%) and for switching the output control on/off:



• CLIMATE CONTROLLER

If there is one or more climate controllers in the system and the installer has configured their command/control in the touch screen, the device will display the following operating options:

- Fixed mode (with the possible setpoint control).
- Modulating mode.



If there is a malfunction of the system, or damage to the probes connected to the climate controller, the touch screen will display the icon .

Note: The presence or absence of external and auxiliary probes depends on their actual installation according to the needs and type of temperature control system.

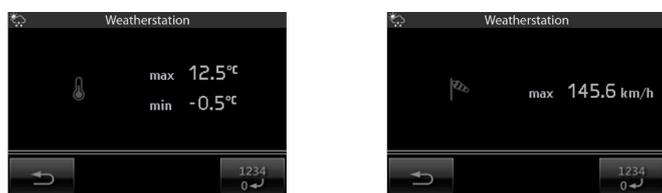
• WEATHER STATION

If the weather station is installed in the system, the touchscreen will display the measured data in a specific screen. Two examples of screens showing the data measured by the weather station are given below.



The arrows next to the temperature and wind speed take you to a page showing the extreme values recorded. Resetting these values can be done manually (with the specific button) or automatically at midnight every day. The choice between the two reset modes is made during installation.

Reference screens displaying the extreme temperature values:



IMPORTANT: The weather symbols displayed by the touchscreen correspond to the current state of the weather and are not a forecast.

• LOAD CONTROL

Using the touch screen you can see at any time the instantaneous power consumed by the plant; in addition, if the same system is also monitoring a manufacturing plant, you will see the instantaneous power produced in the system.



• LOGIC UNIT

The icon is displayed in the main menu when the system contains one or more logic units in which there are programs whose timing you can change.

Whenever the main screen is accessed, the touchscreen displays the following information:

- number of programs;
- name of each program;
- number of timings for each program;
- type of each timing.

For each program you can:

- view the status (or icons);
- view and if necessary the timing (a program can have more than one weekly/periodic/cyclic type of timing).

Tap the icon associated with the desired logic unit to access the screen displaying the list of programs it contains. The symbol to the left of the name indicates whether the program is paused (present) or playing (absent).



• SPEAKER SYSTEM

If a screen of the touchscreen includes an audio zone of the speaker system, the screen displayed will be similar to the following one:



In this case it is possible to control switching the zone on/off and adjusting the volume. Touching enables changing the channel for listening to the speaker system (changing the source).

The icon indicates the type of source you are listening to and touching it takes you to the control screen of the active source.

The FM radio control screen for the speaker system is the following:

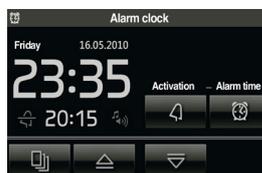


The and icons enable setting the method of selecting the station to listen to; by touching it is possible to search for the next or previous station that the radio is able to receive.

By touching it is possible to use to select the previous or next station saved on the radio (up to 8 different stations can be saved).

Keeping pressed a long time enables passing on to the screen for saving the active broadcaster to one of the 8 stations that can be saved; on this screen, touch one of the 8 buttons to save the active broadcaster to the corresponding memory and then automatically return to the previous screen.

When combined with the speaker system, the touchscreen can also function as an alarm clock. The alarm clock control/setting screen is the following:



Touching displays the screen for setting the alarm clock; via this screen you can enable/disable the alarm clock (icon), set the time (icon) and select whether the alarm clock will activate a scenario (icon) or simply switch on the audio zone (icon).

Alarm clock operation.

When the time of day coincides with the time set on the alarm clock, the touchscreen switches on to display the relevant screen and the system activates the selected audio zone or scenario.

The **Snooze** function is available whenever the alarm clock is activated and it can only be used until the following intervention of the screensaver; in this case, touching the touchscreen at any point temporarily deactivates the audio zone associated with the alarm clock (even if the scenario output is selected) and **will be reactivated after 8 minutes** (this applies to each activation of the "Snooze" function).

If the "Snooze" function is not used, the alarm clock will not reactivate the audio zone (which can be switched off with the normal By-me controls, with the touchscreen or with a scenario) but remains set to activate on the following day at the same time.

■ CONTROL FOR IPOD, IPHONE AND AUXILIARY SOURCES

If the sound system includes a Docking Station, by using the touch screen you can control:

- Apple devices (iPod/iPhone);
- auxiliary stereo sources.

Auxiliary stereo sources are connected to the Docking Station with the jack on its base; this input takes priority over any Apple device connected to the Docking Station and therefore the iPod/iPhone can only be controlled when there is no auxiliary source.

When the Apple device is connected, the zone page displays the button to access Docking Station control (button, next to the icon representing the device) thus providing access to the Playback menu.

• PLAYBACK MENU

The Playback menu is displayed in two separate forms depending on whether the device is enabled for remote control.

Playback menu with remote control enabled

In this case, on touching the **Details** button on the zone page, the touch screen will display the **Playback** menu that provides information on the operating status of the Apple device and its control.



The three above screens illustrate respectively:

- the playback status of a track;
- the pause status in which the properties of the track being played are always visible;
- the stop playback status of the track.

With the playback menu it is therefore possible to:

- select track play/pause (icons  and );
- shift playback to the previous track or the next one (icons  and );
- access the device navigation menu (icon );
- exit the Playback menu and view the zone menu (icon ).

Playback menu with remote control disabled

When the remote control is not enabled, the Playback menu displayed on the touch screen will no longer show:

- the words identifying the Artist, Album and Track;
- the Shuffle and Repeat options;
- access to the device navigation menu.

With the remote control disabled, it is possible to control only the play/pause status of the track now playing and to control the skip forward and back.

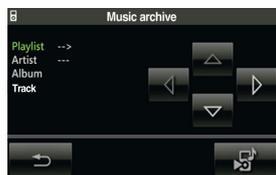
• NAVIGATION MENU

The navigation menu, accessible by touching the icon  of the Playback menu, enables browsing the database of the device connected to the Docking Station and editing the playlist currently being used.

The navigation menu screens are generally composed of:

- up to four words corresponding to Playlist, Artist, Album and Track;
- four navigation buttons (icons , ,  and );
- one button to exit the navigation menu (icon );
- the  key that allows you to actually run the current selection.

Browsing through the database enables selecting the category of Playlist or Artist on the following screens:



The current category is highlighted and, depending on the one selected, the only icons selected will be the ones for making the correlated moves.

For example: on "Playlist" touch the  icon to enter "Artist", then touching  displays the list of artists saved on the iPod/iPhone.

Access from Playlist category

Browsing through this category enables selecting one of the playlists saved on the iPod/iPhone and selecting the track in the playlist from where to start playing. When accessing the Playlist category (left screen), the corresponding field will show the wording of the first item in this category saved on the Apple device.

The dotted line indicates the possibility of continuing to browse within the Tracks category; the confirmation button is enabled (icon ) to start playing the selected playlist, automatically returning to the playback menu.

On the screen with the Playlist category browsable, the button has different

graphics and enables returning to the category selection screen (Playlist, Artist).

The  button is always active and enables returning to the playback menu without changing the current track playback status.

Access from Artist category

Browsing through this category enables selecting one of the artists saved on the iPod/iPhone and then selecting the album and the track (of the selected artist) from where to start playing.

When accessing the Artist category (left screen), the corresponding field will show the wording of the first item in this category saved on the Apple device.

The dotted line indicates the possibility of continuing to browse within the Album and Tracks categories; the confirmation button is enabled (icon ) to start playing the active selection, automatically returning to the playback menu.

It is then possible to play all the content relating to a specific artist, to a specific album and lastly it is possible to choose the track with which to begin playing the album.

On the screen with the Artist category browsable, the  button has different graphics and enables returning to the category selection screen (Playlist, Artist).

The  button is always active and enables returning to the playback menu without changing the current track playback status.

■ CONTROL FOR RCA TRANSMITTER WITH IR INTERFACE

When a transmitter is configured together with an IR interface on an audio zone, it is possible to control the sound source connected to the transmitter by means of its RCA input. The screen relating to this zone will show the icon for accessing the Details page associated with the transmitter.

The screen for controlling the RCA transmitter associated with the IR interface is the following:



On this screen it is possible to:

- select the play/pause/stop status of the source playback (icons ,  and );
- shift playback to the track or to the previous or next one saved (icons  and );
- cyclically vary the internal source of the controlled device (icon ).

For these controls to be usable it is necessary for the installer, in the programming phase, to have appropriately configured them within the IR interface.

From the above screen it is always possible to return to the zone menu by touching .

■ BLUETOOTH INTERFACE CONTROL

When a Bluetooth interface is configured in an audio zone, it is possible to control some functions of the mobile device connected to the transmitter via Bluetooth.

The screen related to this zone will show the icon for access to the Details page associated with the transmitter.

The following screen is for controlling the Bluetooth module:



On this screen it is possible to:

- see the artist, album and track being played
- see the play or pause status of the track
- select the track play/pause status (icons  and );
- shift playback to the previous track or the next one (icons  and );
- exit the playback screen and display the zone menu (icon .

• INFORMATION

From the main menu of the touch screen on touching then  icon, the screen is displayed with the software release and the main characteristics of the touch screen.

IMPORTANT**LED Life Time:** 20.000 hours (at 25 °C)

The LED life time define as the estimated time to 50% degradation of initial luminous.

**WEEE - Information for users**

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one. Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m², if they measure less than 25 cm. An efficient sorted waste collection for the environmentally friendly disposal of the used device, or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.