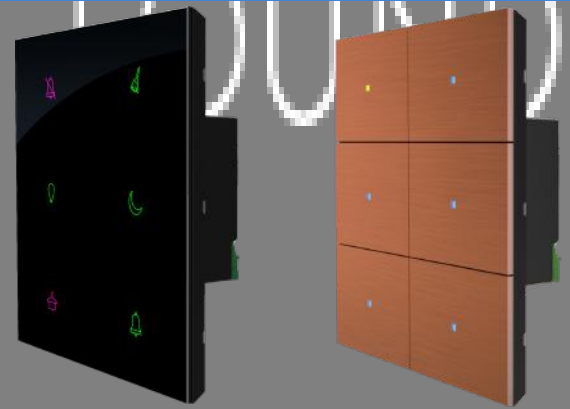


KNX

# UNIRRO Touch Keypad



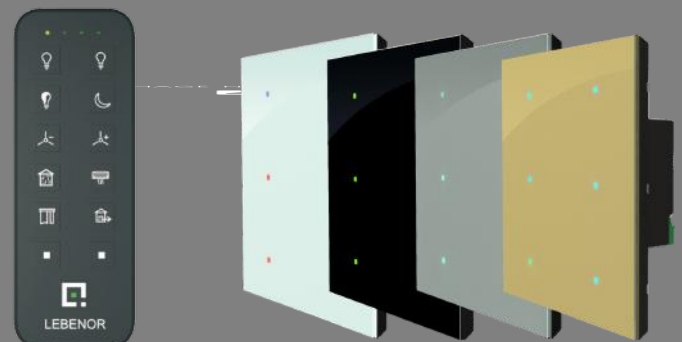
## Main Features of the product:

- Capacitive Touch Buttons.
- Multi Color LED indicators.
- 4 Digital Inputs.
- Dual Actions for each of the Button.
- Step Switch for multiple operations from Single Button.
- Configurable Guest Room Service Calls functions like DND, MMR and Laundry.
- Configurable Visitor Door Bell Function.
- Configurable Nurse Call Functions.
- Configurable Indicators and Sounder.
- Array of Stylish Swappable Fascia in Glass, Metal and Wood.
- Compatible with Unirro Bluetooth Remotes.
- Sleep Mode to dim down LEDs.

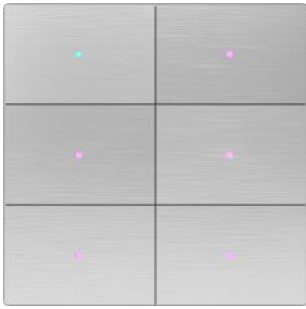
Step out of the banal world of traditional switches and Step into the exciting & beautiful world of Unirro Touch switches.

## Areas of Application

- Private residences
- Hospital rooms
- Hotel rooms
- Office cabins
- Conference rooms



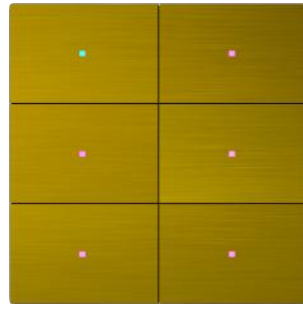
## Standard Metal Fascia



Premium Silver  
UNI-2MF-ST-06BISS0604DC



Premium Black  
UNI-2MF-ST-06BISS1304DC



Premium Gold  
UNI-2MF-ST-06BISS1104DC

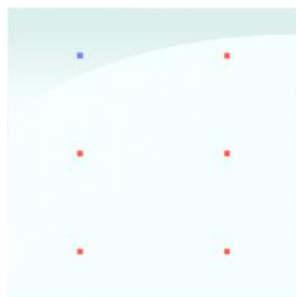


Premium Rose Gold  
UNI-2MF-ST-06BISS1204DC

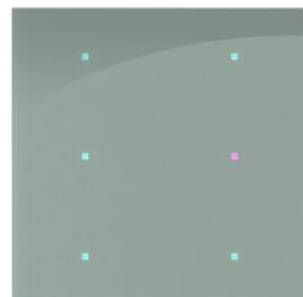
## Standard Glass Fascia



Black  
UNI-2MF-ST-06BIGL0201SS



Polar White  
UNI-2MF-ST-06BIGL0101DT



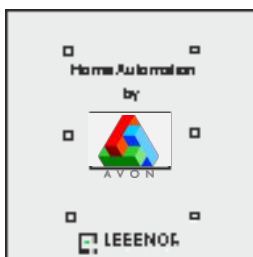
Silver  
UNI-2MF-ST-06BIGL0301DT



Gold  
UNI-2MF-ST-06BIGL0401DT

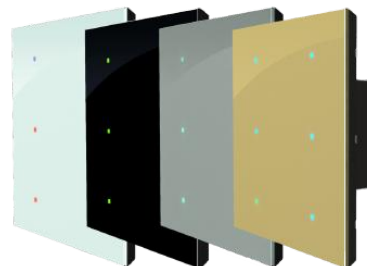
## Swappable Fascia

Installation Phase



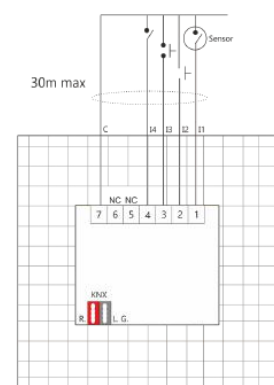
Swappable fascia feature of Unirro is designed to overcome the chances of damage to keypad in this phase before handing over and to avoid financial loss to System Integrators. Complete the commissioning of the project with Installer's Fascia and hand over the project at appropriate time to safeguard the interest of all stake holders.

Handing over Phase



Swap the Installer's Fascia with fascia of Homeowner's choice which will blend with the home decor and hand over the project.

## Terminal Details



## Technical Specifications

Parameter	Unirro-KNX
Voltage	30VDC SELV, KNX
Maximum Current Consumption	15mA
Connection Type	Typical TP1 bus connector for 0.80mm Ø rigid cable
External Power Supply	Not required
Operational Temperature	0°C .. +55°C
Storage Temperature	-20°C .. +55°C
Operation Humidity	5 .. 95% (Non-condensing)
Storage Humidity	5 .. 95% (Non-condensing)
Degree of Protection	IP20, clean environment
Installation	Flush mount on standard 2M electrical box
PCB CTI Index	175V
Housing Material	ABS
Number of Inputs	4
Inputs per Common	4
Operation Voltage	+3.3 V DC in the common
Operation Current	1 mA @ 3.3 V DC (per input)
Switching Type	Dry voltage contacts between input and common
Connection Method	Pluggable screw terminal block
Cable Cross-Section	0.2-1.5mm <sup>2</sup> (IEC)/28-14AWG (UL)
Maximum Cable Length	30m
Dimensions (l x w x d mm)	90 x 90 x 26

## Configurable functions

Explanation	LED color options	Red, Green, Blue, Orange, Violet, Cyan, Pink
	Work Mode	Key pad is ready for use with all indicators (if enabled) glowing at full intensity in configured color.
	Sleep Mode	All indicators dim down to set intensity (HH, High, Medium, Low, LL) after time lapse t secs (10, 20, 30) of last operation. This prevents disturbance to room occupant due to glow of indicator.
	Tap to wake up	User can Tap the surface of the Keypad to wake it up from Sleep Mode. On TAP, indicators will glow to full intensity and user will be able to identify the Button location and then decide to operate the Button for desired function.
General Settings	Indication Settings	Enable/Disable LED Set colour of LED for work mode, button operation and "ON Status" object from bus.
	Touch Tone	Enable/Disable
	Lock /Unlock the keypad	Via 1-bit object or 1-byte Scene object Disables/Enables the Keypad to control usage when the owner is away from home. Link this to a Scene object eg. Away Scene and Welcome Scene and Lock/unlock of the keypad will be seamless without intervention of the user.
	Cleaning Mode	Via 1-bit object or 1-byte Scene object Disables /Enables the Keypad to allow cleaning of the surface. By using the Scene object, room condition can be adjusted accordingly to enable proper cleaning without using the KNX keypad.
Short Press	Switching	1-bit object
	Dimming	4-bit object
	Curtain Control	1-bit object
	Value transmitter 1-byte	1-byte object
	Value transmitter Float	2-byte object
	Step Switch	Allows single button to activate any of the 7 KNX scenes or transmit 7 values on 1-byte object in a sequence. User can now enjoy more control with only one button. 1-byte Scene object 8-bit unsigned value

## Configurable functions

Short Press	Scene Control	Configure the button to activate any one of the 64 KNX Scenes. User can Modify the Scene setting by Long Press Action on the same Button. 1-byte Scene object
	Room State: MMR	Utilize this in GRMS/Patient Room to facilitate Make My Room request from Keypad. 1-bit object
	Room State: DND	Utilize this in GRMS/Patient Room to facilitate Do Not Disturb request from Keypad. 1-bit object
	Room Call: Service Call	Utilize this in GRMS/Patient Room to facilitate Service Call request from Keypad. 1-bit object
	Room Call: Nurse Call	Utilize this in-Patient Room to facilitate Nurse Call request from Keypad. 1-bit object, only ON
Long Press	Switching	1-bit object
	Value Transmitter 1-byte	1-byte object
	Value Transmitter Float	2-byte object
	Scene Control	Configure the button to activate any one of the 64 KNX Scenes. This scene cannot be Modified by the user from Keypad. 1-byte Scene object
	Reset Nurse Call	Utilize this to Reset Nurse call initiated by the Patient, by using the Short Press Action.
Digital Input	Push Button	Any Momentary Push Button (NO) can be wired to the Digital Inputs on keypad. Configure to transmit value on KNX bus for Change in Contact state from NO to NC. <ul style="list-style-type: none"> <li>• Transmit 0, 1, or toggle 0-1 via 1-bit object.</li> <li>• Transmit any one of the KNX scenes via 1-byte Scene object.</li> </ul>
	Switch	Any standard piano Switch can be wired to the Digital Inputs on keypad. This input can be configured for both On/Off states of the Switch . <ul style="list-style-type: none"> <li>• Transmit value 0, 1, toggle, No action when switch is shifted from ON to OFF on KNX bus via 1-bit object.</li> <li>• Transmit any one of the KNX Scene when switch is shifted from ON to OFF on KNX bus via 1-byte Scene object.</li> <li>• Transmit value 0, 1, toggle, No action when switch is shifted from OFF to ON on KNX bus via 1-bit object.</li> <li>• Transmit any one of the KNX Scene when switch is shifted from OFF to ON on KNX bus via 1-byte scene object.</li> </ul>

## Configurable functions

Digital Input	Sensor	<p>Door Contact, Presence Detector or any of the sensors can be wired to the Digital Inputs on keypad. This input can be configured for both states of the relay output of the sensor.</p> <ul style="list-style-type: none"> <li>• Transmit value 0, 1, toggle, No action when relay output is changed from NO to NC, via 1-bit object.</li> <li>• Transmit any one of the KNX Scene when relay output is changed from NO to NC, via 1-byte Scene object.</li> <li>• Transmit value 0, 1, toggle, No action when relay output is changed from NC to NO, via 1-bit object.</li> <li>• Transmit any one of the KNX Scene when relay output is changed from NC to NO, via 1-byte Scene object.</li> </ul> <p>Transmit any one of the KNX Scene when relay output is changed from NO to NC, via 1-byte Scene object. Block/unblock the response to Sensor input by using 1-bit object.</p>
Sounder	Service Call	<p>Service Call Alarm will be played on the Keypad when 1-bit object is activated. Reset of the Alarm is possible automatically as per defined time or manually via 1-bit object.</p>
	Nurse Call	<p>Nurse Call Alarm will be played on the Keypad when 1-bit object is activated. Reset of the Alarm is possible automatically as per defined time or manually via 1-bit object.</p>
	Door Bell	<p>Door Bell Alarm will be played on the Keypad when 1-bit object is activated.</p>
Indication	Status ON	<p>Indicator can be activated via 1-bit object. Indication can be configured for Steady operation or Blinking operation.</p>

## Unirro-Remote



The Unirro Touch Switch when used with Unirro Remote will bring the control at your fingertips. Unlike the conventional IR remotes, the Unirro remote is non-directional and the user gets the convenience of controlling the appliances without pointing the remote towards them.

### Main Features of the product:

- Sleek & classic design
- Cleanable keypad
- Controls multiple Unirro keypads
- Direction free control
- LED and Buzzer feedback
- Long battery life

## Order Reference: Keypad Base unit

UNI-2MB-XX-XX-XX

**Buttons**  
06 - 6 Buttons  
04 - 4 Buttons  
02 - 2 Buttons

**Indicator Position**  
FI - Front  
SI - Sides  
BI - Front & Side

**Interface**  
KNX - KNX  
KNB - KNX + BLE

### Standard Stock items:

- Keypad Base unit comprising of 6 Touch Zones and 4 Digital Inputs, Front Indication, KNX, BLE.  
(Fascia to be bought separately)  
**Order Ref No. UNI-2MB-06FIKNB**

- **Accessories:** Remote  
13 Button BLE Remote  
Order ref: UNI-REM-13-0202

### Non-Stock Variants:

- Keypad Base unit comprising of 6 Touch Zones and 4 Digital Inputs, Front & Side Indication, KNX, BLE.  
(Fascia to be bought separately)  
**Order Ref No. UNI-2MB-06BIKNB**
- Keypad Base unit comprising of 6 Touch Zones and 4 Digital Inputs, Front Indication, KNX.  
(Fascia to be bought separately)  
**Order Ref No. UNI-2MB-06FIKNX**
- Keypad Base unit comprising of 6 Touch Zones and 4 Digital Inputs, Front & Side Indication, KNX.  
(Fascia to be bought separately)  
**Order Ref No. UNI-2MB-06BIKNX**

*Contact Lebenor Sales team for items other than listed standard stock items with order reference number.*

The Information in this document is subject to change without any notice and should be confirmed with the OEM.

## Order Reference: Fascia

UNI-2MF-XX-XX-XX-XX-XX-XX

**Design Type**  
ST - Standard  
BS - Bespoke

**Buttons**  
06 - 6 Buttons  
04 - 4 Buttons  
02 - 2 Buttons  
99 - Bespoke

**Material**  
GL - Glass  
SS - Stainless Steel  
GS - Glass + Stainless Steel  
AB - ABS  
99 - Bespoke

**Plate Colour**  
01 - Polar White  
02 - Black  
03 - Silver  
04 - Gold  
08 - Rose Gold  
11 - Premium Gold  
12 - Premium Rose Gold  
13 - Premium Black  
14 - Bespoke

**Finishing**  
01 - Glossy  
02 - Mat  
04 - Brushed  
05 - Hairline  
06 - Blasted  
07 - Mirror

**ICON Design**  
DT - DOT-Transparent (Glass Only)  
DO - DOT-Opaque (Glass Only)  
DC - DOT-Cutout (Metal Only)  
SS - Guest Room Service Station  
BS - Bespoke

### Standard Stock items:

#### Glass Fascia

- Fascia for Unirro Base Unit, 6 Touch Button, Glass, Polar White, Glossy, DOT Transparent Icons.  
**Order Ref No. UNI-2MF-ST-06BIGL0101DT**

- Fascia for Unirro Base Unit, 6 Touch Button, Glass, Black, Glossy, DOT Transparent Icons.  
**Order Ref No. UNI-2MF-ST-06BIGL0201DT**

- Fascia for Unirro Base Unit, 6 Touch Button, Glass, Silver, Glossy, DOT Transparent Icons.  
**Order Ref No. UNI-2MF-ST-06BIGL0301DT**

- Fascia for Unirro Base Unit, 6 Touch Button, Glass, Gold, Glossy, DOT Transparent Icons.  
**Order Ref No. UNI-2MF-ST-06BIGL0401DT**

#### Metal Fascia

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Silver, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS0304DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Gold, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS0404DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Rose Gold, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS0804DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Black, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS0204DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Premium Gold, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS1104DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Premium Rose Gold, Brushed, DOT Cutout.  
**Order Ref No. UNI-2MF-ST-06BISS1204DC**

- Fascia for Unirro Base Unit, 6 Touch Button, Stainless Steel, Premium Black, Brushed, DOT Cutout.

- Installer Fascia for Unirro Base Unit, 6 Touch Button,  
**Order Ref No. UNI-2MF-06-AB**

Contact Lebenor Sales team for items other than listed standard stock items with order reference number.

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