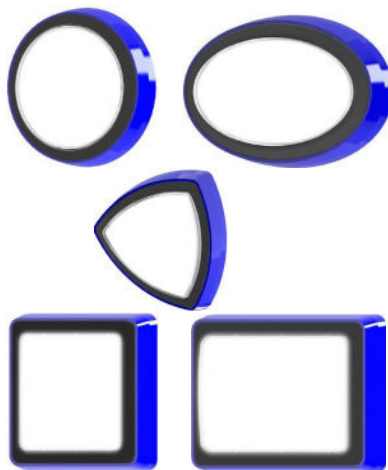


Jumbo Pulsanti / Pushbuttons

Scheda Tecnica / Data Sheet

Rev. 1.00



CARATTERISTICHE FUNZIONALI

- 24 L.E.D producono 4 giochi luce ad intensità luminosa variabile
- Gruppo di L.E.D. (10, 6 o 8) ad intensità luminosa fissa sotto il piastrino
- I 4 giochi luce (24 L.E.D. laterali) vengono attivati all'accensione in modo indipendente (opzioni selezionabili da DIP-switch)
- Tensione di alimentazione logica al circuito processore 12V; tensione ai L.E.D. 12 V
- Fino 32 pulsanti sincronizzabili
- Trasparenza e gradevolezza al tatto, grazie all'utilizzo del policarbonato Samsung® e di stampi specificatamente realizzati
- Attacco brevettato a baionetta del porta-micro, per montaggio rapido

FUNCTIONAL FEATURES

- 24 variable light intensity L.E.Ds produce 4 different illumination patterns
- Group of (10, 6 or 8) constant brightness L.E.Ds located under the lens plate
- 4 different illumination patterns can operate independently; preferred option can be selected by dip-switch setting
- Power supply: 12Vdc to processor circuit board; 12 Vdc to all L.E.Ds
- Synchronize up to 32 push-buttons
- Transparency and "soft touch", thanks to the special Samsung® polycarbonate and to moulds designed on purpose.
- Patented bayonet quick-coupling: assembling and maintenance made easy

I pulsanti Jumbo sono accoppiati in configurazione standard ai **porta-micro a 10 LED**

The standard provision of the Jumbo pushbuttons is with 10LED switch-holder:

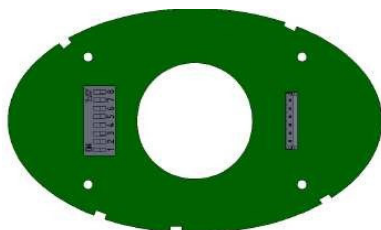


A questa, può essere aggiunta una tra le due schede seguenti:

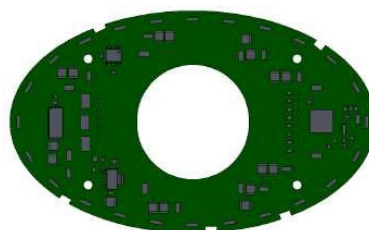
One of the two additional p.c.b.s shown below can be included:

a) **Scheda BASIC** - grazie ai suoi (6, 8, 10) LED ad alta intensità, accresce e potenzia la luminosità del tasto.
"BASIC" P.c.b. - thanks to its (6, 8, 10) high intensity LEDs, it boosts power and brightness of the pushbutton.

b) **Scheda FULL** - oltre ad aumentare la luminosità del tasto, esegue anche quattro schemi di giochi-luce, mediante i 24 LED distribuiti sul perimetro della cornice di base.
"FULL" P.c.b. - in addition to boosting brightness of the pushbutton, produces four chasing lights patterns through the 24 LEDs deployed along the base edge.



*Es. in figura: modello ellittico
Ex. in picture: elliptical model



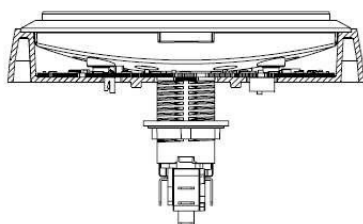
Si possono montare anche in versione basso profilo sia i pulsanti Jumbo in configurazione standard, sia quelli con scheda Basic.

Non si possono montare in versione basso profilo i pulsanti con scheda Full.

The standard buttons and the buttons with the BASIC P.c.b. can be mounted also as Low-profile.

The buttons with the FULL P.c.b. cannot be mounted as Low-profile.

Profilo Standard Standard profile



Basso profilo Low profile

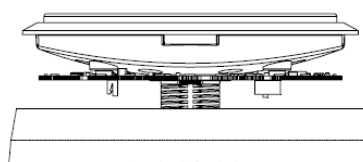


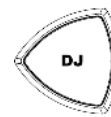
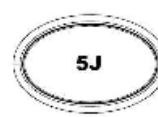
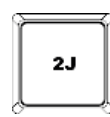
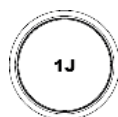
Tabella di decodifica Decoding chart

Pulsante Push-button	-	Serie Series	Scheda Board	Formato Size	-	Colore Piastrino Plate Colour	Colore Corpo Core Colour	Colore sottocorpo Support Colour	Portamicro Socket
PL	-	J	1	2	-	3	4	5	6

1 Scheda Board

Scheda Board	COD.
Senza scheda without board	0
Scheda basic basic board	1
Scheda full full board	2

2 Formato Size



3 Colore piastrino Plate colour

Colore Piastrino Plate Colour	COD.
Bianco White	1
Bianco + serigrafia White + serigraphy	E

4 Colore corpo Core colour

Colore corpo Core Colour	COD.
Nero Black	6

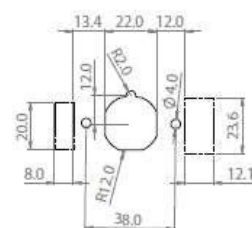
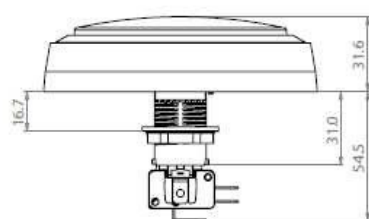
5 Colore sottocorpo Support colour

Colore sottocorpo Support colour	COD.
Blu Blue	5
Nero Black	6

6 Portamicro Socket

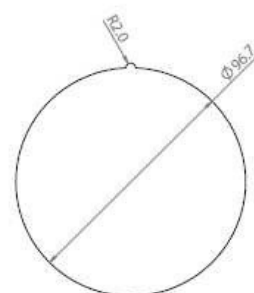
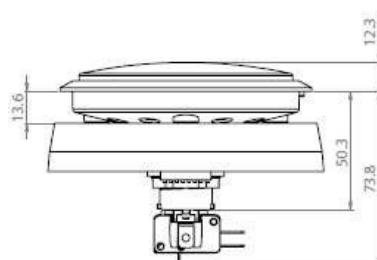
Modello portamicro Socket model	COD.
Standard con decaLED 12 V with 12V 10-LED	6

Profilo Standard Standard profile



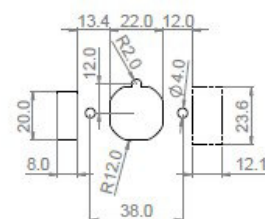
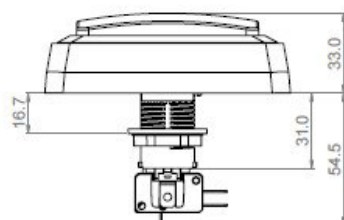
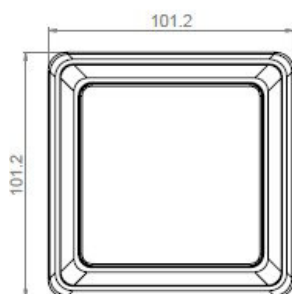
Pannello di montaggio Mounting template

Basso profilo Low profile



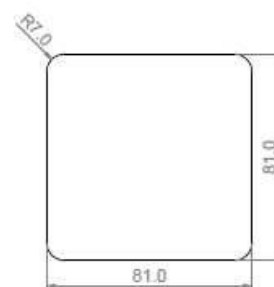
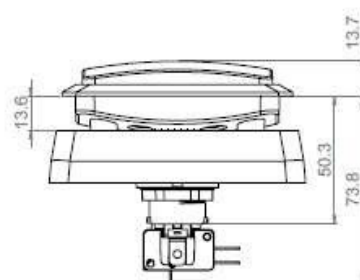
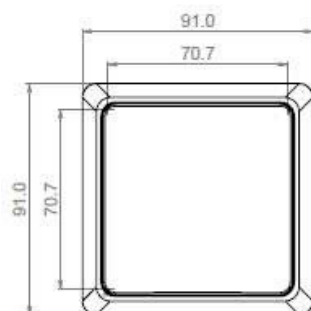
Pannello di montaggio Mounting template

Profilo Standard Standard profile



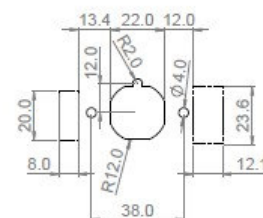
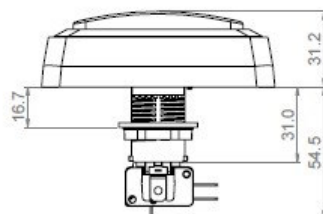
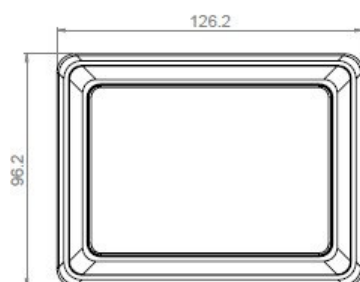
Pannello di montaggio Mounting template

Basso profilo Low profile



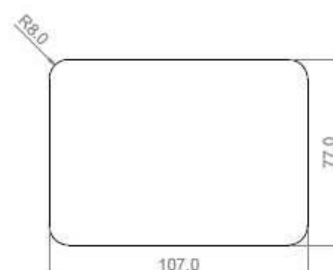
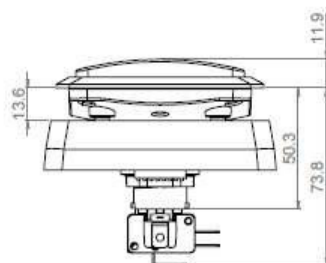
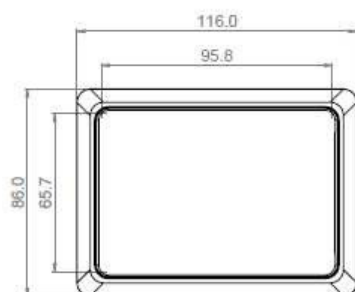
Pannello di montaggio Mounting template

Profilo Standard Standard profile



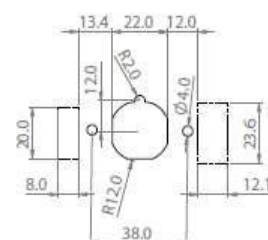
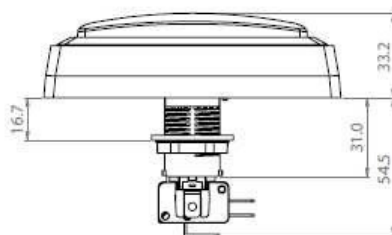
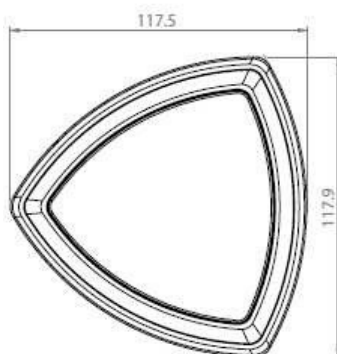
Pannello di montaggio Mounting template

Basso profilo Low profile



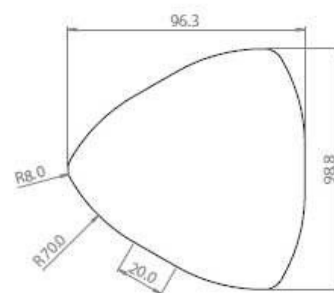
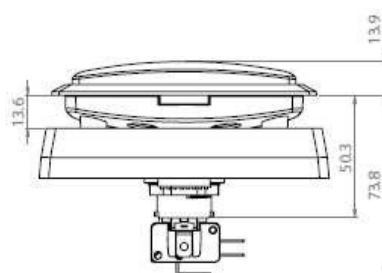
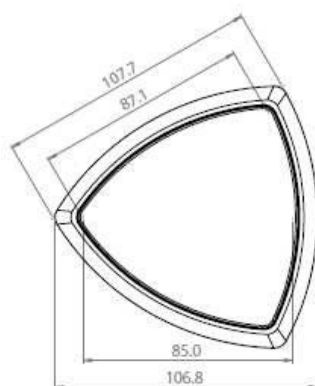
Pannello di montaggio Mounting template

Profilo Standard Standard profile



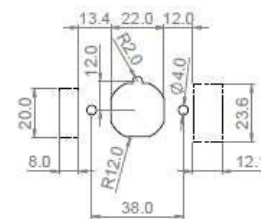
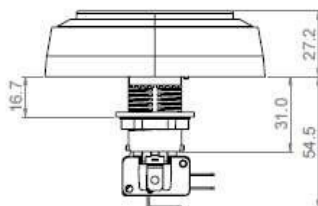
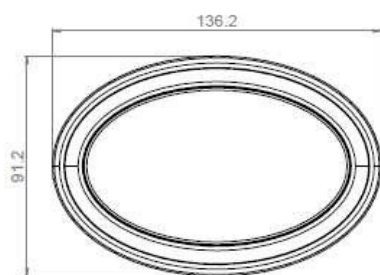
Pannello di montaggio Mounting template

Basso profilo Low profile



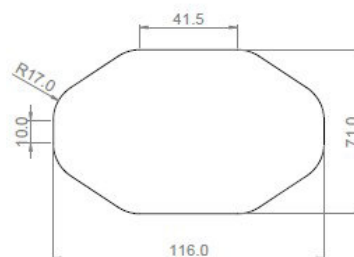
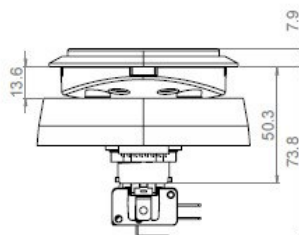
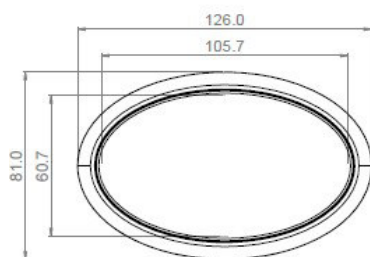
Pannello di montaggio Mounting template

Profilo Standard Standard profile



Pannello di montaggio Mounting template

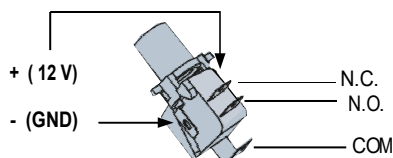
Basso profilo Low profile



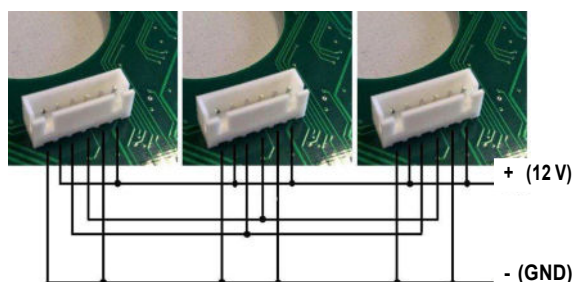
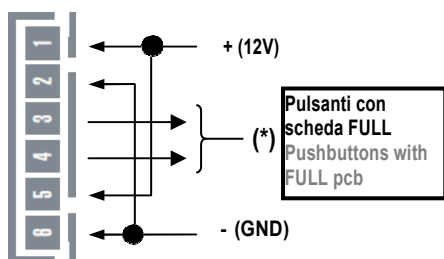
Pannello di montaggio Mounting template

COLLEGAMENTI - CONNECTIONS

Portamicro 10-Led - 10Led switch-holder



Schede Basic e Full - Basic and Full p.c. boards



(*) Se dotati di Scheda FULL, i pulsanti Jumbo possono essere collegati in un sistema coordinato, in modalità ccTalk, fino a max 32 pulsanti. Ognuno dei pulsanti collegati deve essere associato al proprio indirizzo seriale, utilizzando il banco Dip-Switch a bordo, accessibile dal retro del sotto-corpo. L'indirizzo di ciascun pulsante va attribuito secondo la tabella riportata alla pagina seguente.

Il collegamento fisico va realizzato mettendo IN PARALLELO I PIEDINI 3 E 4 DEI PULSANTI COORDINATI (come da figura sopra a destra).

(*) If equipped with the FULL P.c.b., the Jumbo buttons can be ccTalk-connected in a single coordinated system, up to max 32 buttons.

Each of the connected buttons must be associated with its serial address, using the dip-switch row accessible from the back of the pushbutton. The address of each pushbutton must be assigned in accordance with the table shown in the next page.

The PINS 3 AND 4 OF THE COORDINATED PUSHBUTTONS must be connected in parallel (sepfigure above).

PER ATTIVARE IL GIOCO LUCI PERIFERICO: spostare il dip-switch 1 in posizione ON.

TO ACTIVATE THE EDGE CHASING LIGHTS: set the dip-switch 1 to ON.

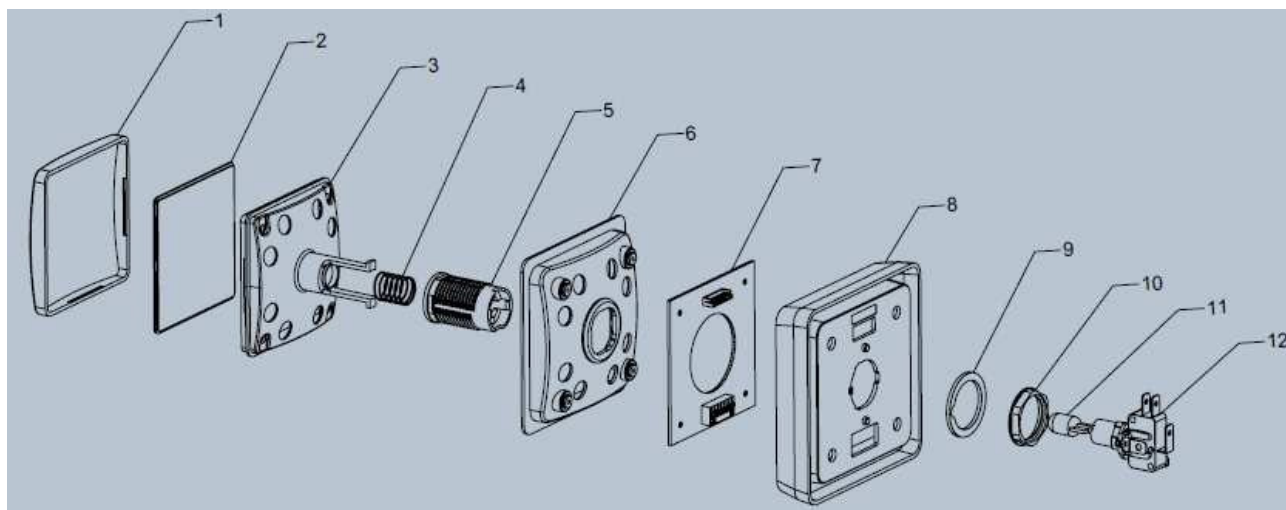
L'indirizzo di ciascun pulsante va attribuito secondo la tabella sotto riportata:
 The address of each pushbutton must be assigned in accordance with the table below:

Indirizzo / Address	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8
Indirizzo / Address 0	off	off	off	off	off	off	off	off
Indirizzo / Address 1	on	off	off	off	off	off	off	off
Indirizzo / Address 2	off	on	off	off	off	off	off	off
Indirizzo / Address 3	on	on	off	off	off	off	off	off
Indirizzo / Address 4	off	off	on	off	off	off	off	off
Indirizzo / Address 5	on	off	on	off	off	off	off	off
Indirizzo / Address 6	off	on	on	off	off	off	off	off
Indirizzo / Address 7	on	on	on	off	off	off	off	off
Indirizzo / Address 8	off	off	off	on	off	off	off	off
Indirizzo / Address 9	on	off	off	on	off	off	off	off
Indirizzo / Address 10	off	on	off	on	off	off	off	off
Indirizzo / Address 11	on	on	off	on	off	off	off	off
Indirizzo / Address 12	off	off	on	on	off	off	off	off
Indirizzo / Address 13	on	off	on	on	off	off	off	off
Indirizzo / Address 14	off	on	on	on	off	off	off	off
Indirizzo / Address 15	on	on	on	on	off	off	off	off
Indirizzo / Address 16	on	on	on	on	off	off	off	off
....	....	....	....	....	off	off	off	off
Indirizzo / Address 20	off	off	on	off	on	off	off	off
....	....	....	....	....	off	off	off	off
Indirizzo / Address 24	off	off	off	on	on	off	off	off
....	....	....	....	....	off	off	off	off
Indirizzo / Address 28	off	off	on	on	on	off	off	off
....	....	....	....	....	....	off	off	off
Indirizzo / Address 32	off	off	off	off	off	on	off	off

PARTI COMPONENTI - EXPLODED VIEW

Il disegno esploso si riferisce al pulsante PL-J11J-1656 (Jumbo quadrato, tasto bianco, corpo blu, porta-micro 10-led), ed ha funzione meramente illustrativa della composizione interna del pulsante.

The exploded drawing refers to the PL-J11J-1656 pushbutton (Jumbo square, white button, blue body, 10LED switch-holder), to the purpose of simply showing the internal composition of the button.



Progettazione e produzione di sistemi di pagamento, accessori per videogames e macchine vending
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