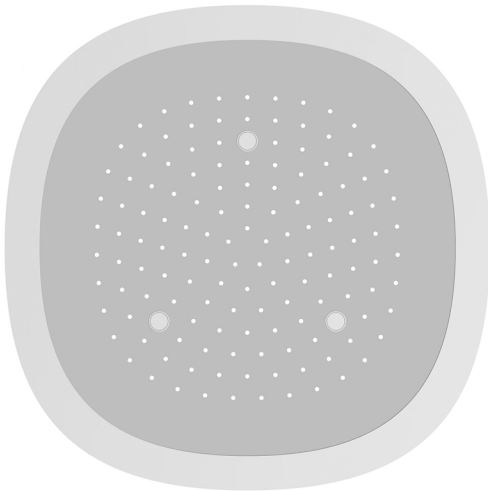
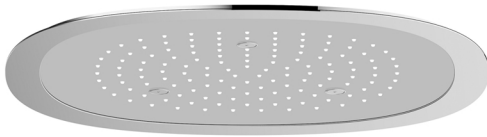


# BAGNODESIGN

EXPERTLY CRAFTED BATHROOMS

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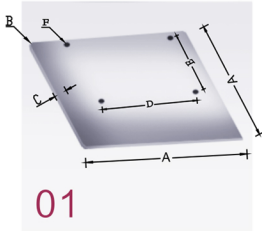
## General Installation Guide



**BAGNO SPA**  
SHOWER HEAD

Please leave these instructions with the customer

## EASY INSTALL SHOWER PROCEDURES OF INSTALLATION



### Open ceiling and drill holes

- Ceiling opening with dimension 20mm smaller than the shower head.
- Drill 4 holes for fixing 4 x M6 expansion screws at the ceiling.



### Installation of screws and spring

Installation procedures:

1. Spring washer.
2. M6 screws.
3. Spring (need to cut the screws and spring as well).



### Installation and adjustment of short tubes

- End of long screws to be fixed with 4 short tubes with adjustment.



### Installation expansion screw and suspended ring

- To fix the expansion screws and suspended ring firmly into the ceiling.



### Installation of shower head and decorative front cover

- Install shower head and decorative front cover.

Adjust the level of shower head to the ceiling.

- Use hexagon wrench to fix firmly decorative front cover.



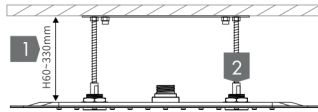
### Installation of long screws

- Installation of long screws.
- Install long screws and cut the screws for adjustment of the suitable length.



### Installation completed

## INSTALLATION



1

Adjustment distance is 60 ~ 330mm. 👍

2

Easier to be installed on any kind of ceiling by fixing of external lock nuts on the screws. The height of screws can be easily adjusted to suit different situation. 👍

3

Easier to be dismantled for maintenance or replacement. Only need to use hexagon wrench to do the maintenance or replacement. 👍

## REMOTE CONTROL FUNCTIONS



### Technical Parameters

#### Controller

- working temperature: -20-60°C
- supply voltage: DC5V, 12V-24V optional (specify the required voltage on orders)
- output: 3 channels
- connection mode: common anode
- static power consumption: <1W
- output current: <2A( each channel )
- output power: 5V:<30W, 12V:<72W, 24V:<144W

#### Touch remote

- working temperature: -20-60°C
- power supply mode: AAA battery
- supply voltage: 1.5V\*3
- standby power consumption: 0.015mW
- standby current: 3uA
- working current: 300uA
- emission current: 12mA
- remote distance: 25m
- standby time: 6 months



Changes of M key on the touch remote as below:

Mode number	Function	Remark
1	Static red	brightness is adjustable, Speed is unadjustable
2	Static green	
3	Static blue	
4	Static yellow	
5	Static purple	
6	Static blue-green	
7	Static white	
8	Three color jumpy changing	Speed is adjustable, brightness is unadjustable
9	Three color gradual changing	Speed is adjustable, brightness is unadjustable
10	Seven color jumpy changing	Speed is adjustable, brightness is unadjustable
11	Seven color gradual changing	Speed is adjustable, brightness is unadjustable

Controller instruction:

1.Controller panel have 6 buttons, and the function as follows:

ON/OFF: you could turn on/off controller at any time;

MODE: the color change button,there are 11 modes of change for you to choose;

B+: A brightness control button,the grade of the brightness add 1 by each pressing,a total of 100 grades;

B-: The grade of the brightness subtract 1 by each pressing;

S+: The grade of the speed change add 1 by each pressing,a total of 100 grades.

S-: The grade of the speed change subtract 1 by each pressing.



: you can turn on/off controller output at any state;



: pause key, on the dynamic mode, you can make the controller to stop the current state now ;



: this key have two functions:

①M+ is mode choose key, so when the current control mode is pulley mode(color), if

you want to realize the mode(color) of M+ key, can press this button.

②M+ is mode switch key, so when the current control mode is "M" key mode, can press this button to switch the mode(color) which state in the M key mode table.

**M-** : this key have 2 functions:

①M- is mode choose key, so when the current control mode is pulley mode(color), if you want to realize the mode(color) of M- key, can press this button.

②M- is mode switch key, so when the current control mode is "M" key mode, can press this button to switch the mode(color) which state in the M key mode table.

**B+** : the output signal brightness control, every time you press this button, the brightness series add 1, altogether 100 levels;

**B-** :the output signal brightness control, every time you press this button, the brightness series minus 1, altogether 100 levels;

**S+** : the output signal speed control, every time you press this button, the speed series add 1, altogether 100 levels;

**S-** : the output signal speed control, every time you press this button, the speed series minus 1, altogether 100 levels;



: Multicolor pulley touch key, static mode choose key, more than 55 touch points.

The button has two functions:

①Pulley static color choice key, so when the current control mode is M key mode (color), if must realize pulley static color, can press this key.

②Pulley color switch key, can change from 60 kinds of static colors (as the pulley shown))

**2.Power supply management:** stop to use the remote more than 20s, the remote will enter the standby state (untouchable state), to extend the battery life; slightly shake once, then the remote will come back to the normal working state (touchable state).

### 3. Indicator light instruction:

RF is bright, that means detected touch button, off means there is no touch button can press.

### 4.Specification of coding wireless remote control:

When power on, close to the controller,at the same time press the ON/OFF key of remote control, long press this key in 3s to match code. The load light will flicker after match code success.

## Interface Specification:

### Power input interface:



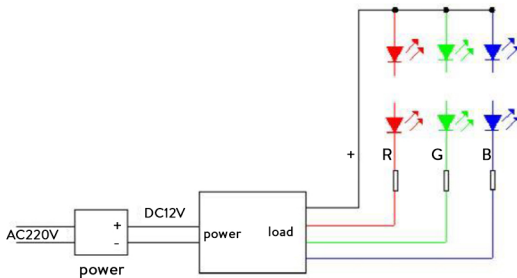
Adopt conventional DC power transpon as power input interface, and equip with DC plug.

### Load output interface:



Adopt four sheath wires as connecting wires, remark: black wire→ + red wire→R  
green wire→G yellow wire→B

### Typical Application:



### Remarks:

- 1, Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power** ;
- 2, Power supply voltage range is DC12~24V, more than voltage range maybe will burnout the controller.
- 3, Touch remote when not use for a long time, suggest to take down the battery.

