



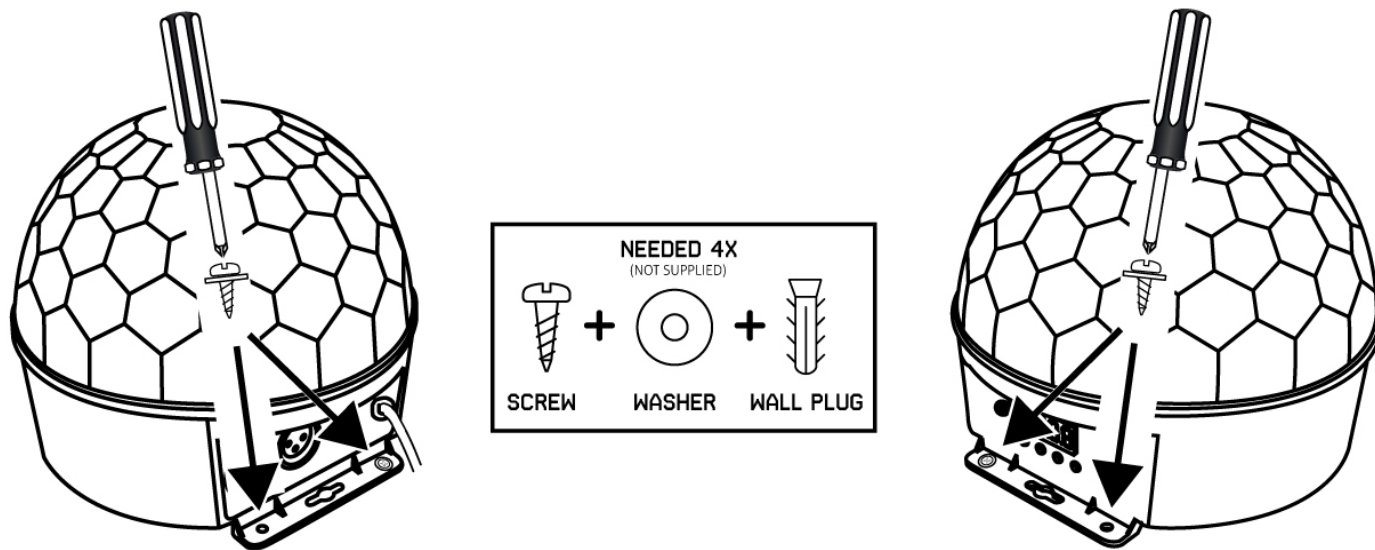
**BEAMZ**  
**MADE**  
**EAZY**

153.222 V1.2

**JB90R MINI STAR BALL**  
**QUICK START GUIDE**

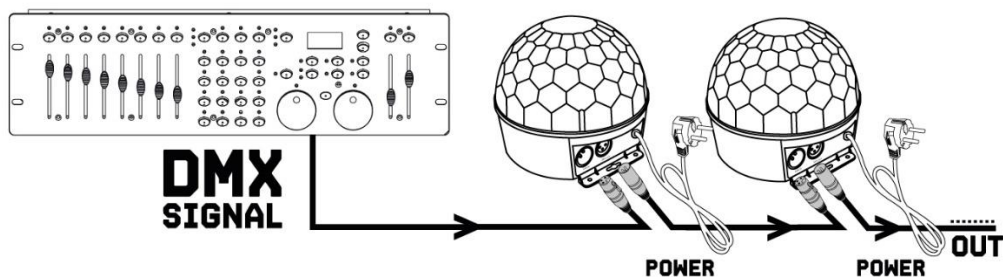
## MOUNTING

The mounting place must be of sufficient stability and be able to support a weight of 10 times of the unit's weight. Secure the unit with a safety cable so that it cannot fall down.

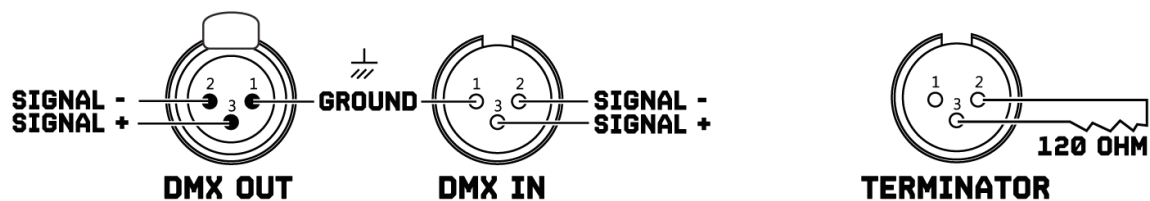


## DMX512 CONTROL

If you are using a standard DMX controller, you can connect the DMX output of the controller directly to the DMX input of the first unit in a DMX chain. Always connect the output of one unit with the input of the next unit until all units are connected.



**CAUTION!** At the last unit, you must close the DMX line with a terminating resistor. Take an XLR connector and solder a 120 Ohm resistor between signal (-) and signal (+) and connect it to the DMX output of the last unit in the line.



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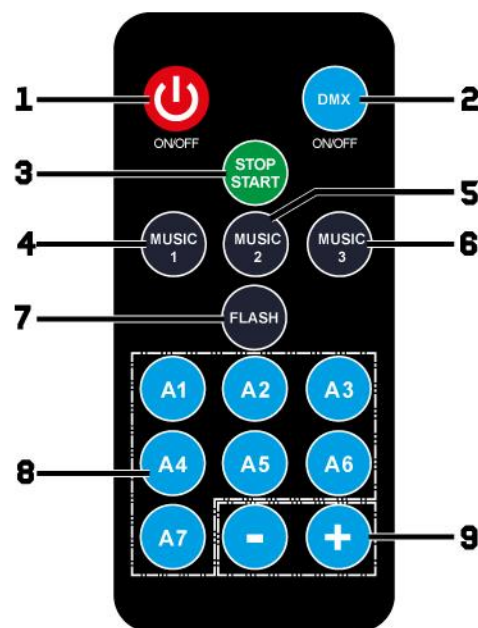
## REMOTE CONTROLLER

1. Standby
2. DMX mode ON / OFF
3. Pause/Start auto program or sound program
4. Sound program S1
5. Sound program S2
6. Sound program S3
7. Strobe ON/ OFF
8. Auto program, chose A1, A2, A3, A4, A5, A6, A7
9. Increase or decrease speed



**CAUTION!** The remote control is supplied with a battery inserted. An insulating foil between the battery and the battery contacts prevents the battery from being discharged during storage. Prior to the first operation remove the foil from the battery support on the rear side of the remote control. Otherwise operation of the remote control is not possible.

For operation, one 3 V button cell type CR 2025 is required. When inserting, pay attention that the positive pole of the button cell shows upwards in the support.



## CONTROL MENU

MENU	DESCRIPTION
A001	DMX address setting
A1 X	Red + Purple+ Warm White mode
A2 X	Green + Blue + Pink mode
A3 X	Yellow + White + Orange mode
A4 X	All colours, speed slow to fast
A5 X	3 Colours jumping effect, speed slow to fast
A6 X	9 Colours jumping effect, speed slow to fast
A7 X	9 Colours gradually effect, speed slow to fast
A8 X	Strobe
S1 X	Sound control mode 1, light reacts on the sound, motor runs continuously
S2 X	Sound control mode 2, colour change, motor speed fast
S3 X	Sound control mode 3, colour change, motor speed slow

## DMX CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRIPTION
1	Master dimmer	000-255	Total brightness gradually from darkness to brightness
2	Colour	000-255	Red + Purple + Warm White led dimming, from 0-100%
3		000-255	Green + Blue + Magenta led dimming, from 0-100 %
4		000-255	White + Yellow + Orange led dimming, from 0-100 %
5	Strobe	000-009	No function
		010-255	Strobe flash, from slow to fast
6	Motor	000-005	Stop
		006-127	Random speed
		128-255	Speed, from slow to fast
7	Program	000-009	Auto colour program
		010-072	Auto colour gradually change
		073-134	Auto colour jump changes
		135-197	RGB jump changes
		198-220	Sound control mode 1
		221-250	Sound control mode 2
		251-255	Sound control mode 3



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