

# BD20 Operating Instructions

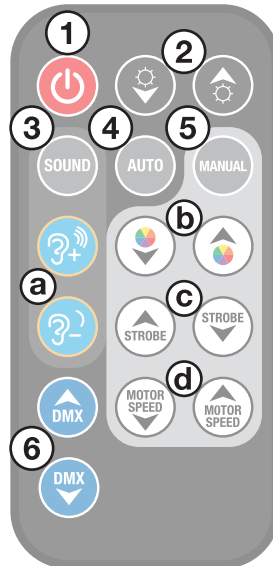


Thank you for purchasing this Rockville BD20. Please read this owner's manual carefully. Should you need assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week. For how-to videos and other helpful information, visit [rockvillesupport.com/bd20](http://rockvillesupport.com/bd20) or scan the QR code.

Display Mode		Value	Description	Submenu Function
d001		d001 – d512	Set DMX address	
Aut1		Aut1 – Aut3	Select one of three built-in modes	
Soud (sound mode)		VoL1 – VoL9	Sound mode	Press the ENTER button to adjust mic sensitivity. The screen will read VoL1. Press the UP and DOWN buttons to adjust the parameter. Press ENTER or MODE to save and exit.
NANU (manual mode)	diNN	0 – 255	Master dimmer	From NANU screen, press the ENTER button to cycle through submenus. To adjust a submenu item, press the ENTER button, then press the UP and DOWN buttons to adjust the parameters. Press ENTER or MODE to save and exit.
	StrO	0 – 255	Adjust strobe speed, slow to fast	
	rEd	0 – 255	Red dimmer	
	GrEn	0 – 255	Green dimmer	
	bLuE	0 – 255	Blue dimmer	
	UHIt	0 – 255	White dimmer	
NOtO		0 – 255	Motor rotation speed, slow to fast	
Iron/IroF		Iron – Irof	Toggle IR on or off	When on, the unit will be controlled by the remote. When off, the unit will not respond to the remote.

## Remote Control Functions

1. ON/OFF: Turns the LEDs on or off. Please note, this button is strictly for the LEDs. The unit will remain on and continue to use battery power. To turn it off, use the power switch on the unit.
2. ☀️/🌑 (BRIGHTNESS): Adjust overall brightness in manual mode only.
3. SOUND: Sets the unit to sound control mode. Use the blue buttons (a) to adjust the mode's sensitivity.
4. AUTO: Sets the unit to auto mode. Press repeatedly to cycle through the 3 available modes.
5. MANUAL: Allows you to cycle through different colors (b), adjust strobe speed (c), and adjust the motor speed (d).
6. DMX: Press these buttons to cycle through DMX addresses.



## 10-Channel Mode

Channel	Function	Value	Description
1	Master dimmer	1 – 255	Adjust overall brightness
2	Strobe	0 – 1	No strobe
		2 – 255	Set strobe speed (slow to fast)
3	Red	1 – 255	Adjust individual color brightness
4	Green	1 – 255	
5	Blue	1 – 255	
6	White	1 – 255	
7	Motor movement	1 – 127	LED motor position
		128 – 255	LED motor forward and reverse (slow to fast)
8	Manual dimming (CH1 – CH7 valid)	1 – 5	Adjust function settings
	Green, Blue, White, Red Color Cycle + Movement	6 – 55	
	Green, Blue, White, Red Color Cycle + Movement + Strobe	56 – 105	
	Green, Blue, White, Red Color Cycle + Multi Color + Movement	106 – 155	
	Green, Blue, White, Red Color Cycle + Multi Color + Movement+ Strobe	156 – 205	
	Sound mode	206 – 255	
9	Ch8 speed options	1 – 255	Ch8 function movement speed