

# **FIRMWARE UPDATED CONTENT AND FUNCTION DESCRIPTION**

**Dyno 650C V1.10.24**

Version	Upgraded	Firmware Version	Date
V1.0	<ol style="list-style-type: none"><li>1. Optimize the underlying hardware communication.</li><li>2. Fix the bug.</li></ol>	Dyno_650C_FW_V1.02.82	2021-12-15
V2.0	<ol style="list-style-type: none"><li>1. Add APP control function via Bluetooth.</li><li>2. Add built-in wireless DMX function.</li><li>3. Add the function to turn on/off the Lumenradio.</li><li>4. Add the function to turn on/off the 2.4G.</li><li>5. Add DMX Strobe.</li><li>6. Add DMX reduced channel.</li><li>7. Add DMX smoothing function.</li><li>8. Add V2.0 protocol support for 2.4G remote control.</li><li>9. Add display support for new LCD screens.</li><li>10. Add function options, adjust menu layout.</li><li>11. Fix the bugs.</li></ol>	Dyno_650C_FW_V1.10.14	2022-07-09
V3.0	<ol style="list-style-type: none"><li>1. Fix the bug that can possibly brick the fixture.</li><li>2. Fix the bug that causes abnormal transmission from Lumenradio.</li><li>3. Fix the bug that causes incorrect display for some interface contents.</li></ol>	Dyno_650C_FW_V1.10.24	2022-07-30

## ● **Dyno\_650C\_FW\_V1.02.82**

### **Updated Content Description:**

1. Optimize the communication rate of the underlying hardware to improve reliability.
2. Fix the bug of the Fire effect that causes the wrong color temperature output when it is lower than 2700K.

## ● **Dyno\_650C\_FW\_V1.10.14**

### **Updated Content Description:**

1. Add APP control function via Bluetooth to control the fixtures with NANLNIK APP. To turn on or off the Bluetooth in "MENU - WIRELESS CONTROL - ENABLE BLUETOOTH", to reset Bluetooth in "MENU - WIRELESS CONTROL - RESET BLUETOOTH".
2. Add built-in wireless DMX function for wireless DMX control, enabling the fixture to be controlled with WS-DMX-T1 wireless DMX transmitter box and so on. To turn on or off the wireless DMX function in "MENU - WIRELESS CONTROL - WIRELESS DMX" (this option is only available when 2.4G is turned on), when using this function, the wireless DMX group needs to be set the same as the transmitter's to ensure proper control.
3. Add the function to turn on/off the Lumenradio. To turn on/off the Lumenradio in "MENU - WIRELESS CONTROL - ENABLE LUMENRADIO".
4. Add the function to turn on/off the 2.4G. To turn on/off the 2.4G in "MENU - WIRELESS CONTROL - ENABLE 2.4G".
5. Add V2.0 protocol support for 2.4G remote control. When the 2.4G is turned on, to select V1.0 or V2.0 protocol in "MENU - WIRELESS CONTROL - WIRELESS PROTOCOL" to adapt to the control with different remote controllers.
6. Add DMX Strobe, for details please refer to Dyno 650C/1200C DMX reference guide V2 version.
7. Add DMX reduced channel. To turn on/off this function in "MENU - ADDRESS/DMX - DMX REDUCED CHANNELS". When this function is enabled, all channels that are not related to controlling the lighting effect will be closed to reduce the number of DMX channels occupied by fixtures.
8. Add DMX smoothing function. To turn on/off this function in "MENU - ADDRESS/DMX - DMX SMOOTHING". When this function is enabled, the dimming of fixtures through DMX will be smoother, but the response speed will be correspondingly reduced.
9. Add display support for new LCD screens.
10. Add function options, adjust menu layout.
11. Fix the bugs.

## ● **Dyno\_650C\_FW\_V1.10.24**

### **Updated Content Description:**

1. Fix the bug that can possibly brick the fixture when the Bluetooth was turned on and not connected. It also solves the problem that the Bluetooth connection tends to fail due to above stop in work.
2. Fix the bug when Lumenradio would occasionally switch to receiver mode while in transmitter mode, causing the transmission to be terminated.
3. Fix the bug that causes incorrect display in preset interface and menu interface.