Description of Remote Control’s structure and functions

Introduction of the Remote Control, as shown in image 1 in below:
“MUTE” key: silence

“STANDBY” key: turn on/off

“UP” key: select the next program, program on

“DOWN” key: select the previous program, program down

“LEFT” key: decreasing volume/brightness, when setting up, it stands for “backspace” key

“RIGHT” key: increasing volume/brightness

“OK” key: confirmation, as Test Key at present

“SET” key: configuration key, used for selecting functions of the display screen and for configuring parameters (“S“ for short)

“EXIT” key: the system will exit and restart; press this key then exit present status when setting up

“0-9” keys: number keys, select programs as usual; when setting up, these keys stand for parameters

“/---” key: digit shift key, select program’s digit; when setting up, it stands for parameter’s Separator Key (‘.’ Key for short)

“#” key: end key, as Play/Pause Key at present; when setting up, it stands for commends end key

Functions description

The remote matching with the controller has many useful functions, such as turn on/off screen, brightness adjustment, volume control, program switching, test, configuration and parameters recovering, etc. The remote includes two parts---sending and receiving. The sender is a kind of infrared remote control specially made for LED display screen and its transmission range covers 5-10 meters.

Mute: this key can temporary turn off or revert sound but fail to save when power is
off; and volume will unchanged when reverting.

Turn on/off screen: “STANDBY” key can turn on/off the control card and the LED display screen.

Play/Pause: when the controller under non-controlled state, “#” key can pause or continue the working status of the controller.

Exit and Restart: when the controller under non-controlled state, press “EXIT” key then the controller will exit present working status and rerun. When working abnormal or in test pattern, users can press this key to exit.

Volume control: the remote can control the controller’s volume or users can switch to this pattern by remote control command. When the controller under non-controlled state, “LEFT” key can reducing volume while “RIGHT” key can increasing volume.

Brightness adjustment: switch to this pattern by remote control command, here, the “LEFT” key can lower brightness of the screen while the “RIGHT” key can increasing brightness.

LED display screen Test: “OK” key stands for Color Test Key now. The color test can detect full-color of the screen and homogeneity of each color. Line test can detect that if parameters of the screen have been configured correctly and make the ex-factory inspection more conveniently.

Test order as follows:

Press “OK” first time: totally white (showing gray value, size, IP address and serial number information).

Press “OK” second time: totally white (showing nothing).

Press “OK” third time: totally red (showing if has information, monochrome screen don’t have this option).

Press “OK” fourth time: totally red (showing nothing, monochrome screen don’t have this option).

Press “OK” fifth time: totally green (showing if has information, monochrome screen don’t have this option).

Press “OK” sixth time: totally green (showing nothing, monochrome screen
don’t have this option).

Press “OK” seventh time: totally blue (showing if has information, monochrome screen don’t have this option).

Press “OK” eighth time: totally blue (showing nothing, monochrome screen don’t have this option).

Press “OK” ninth time: white grayscale test (0 ~ gray level)

Press “OK” tenth time: red grayscale test (0 ~ gray level, monochrome screen don’t have this option).

Press “OK” eleventh time: green grayscale test (0 ~ gray level, monochrome screen don’t have this option).

Press “OK” twelfth time: blue grayscale test (0 ~ gray level, monochrome screen don’t have this option).

Press “OK” thirteenth time: showing white frames and diagonals by size.

Press “OK” fourteenth time: horizontal lines test, there are nine pixels between each line.

Press “OK” fifth time: vertical lines test, there are nine pixels between each line.

Press “OK” sixth time: oblique left lines test, there are nine pixels between each line.

Press “OK” seventeenth time: oblique right lines test, there are nine pixels between each line.

Press “OK” eighteenth time: gridlines test, there are nine pixels between each line.

Press “OK” nineteenth time: cycle to the test function when pressing for the first time.

“EXIT” key: exit test pattern, press this key to end the test then enter in the programs play pattern
Single-program selection: it includes main and secondary program selection; each main program contains multiple secondary programs media files. (Note: fail to save when power is off; please refer to the following chapter for retaining when power is off).

“UP” key means selecting the next program while “DOWN” means selecting the previous one, or users can also select the programs you want by press program numbers. If there are three programs in the control card but only need to play program 2, you can just press “2” Key in remote.

Playing selected programs: when the controller under non-controlled state, pressing a number key randomly then the controller will play this program forever; at this time, the function of playing programs at regular time is unavailable. Users can use “-/-” key (one-digit from 1 to 9/ two digits from 10 to 99) to switch program selection modes. Under the mode of playing selected programs, it can not save any programs when power is off. After restarting, it will revert to the mode of play multiple programs in rotation. When in the two digits input mode, press other keys excluding number keys then the controller will execute their functions.

Cancel the mode of playing selected programs: press “0” to cancel the programs selected previously then enter into the mode of playing multiple programs in rotation or into timing mode.