

R120 Remote Control GeniusPro and Lightpalette

Installation

Lighting control operating software v2.2



R120 Remote Control Installation

66123 66124 66126 66127 66129



Offices And Service Centres

Phone numbers do not include country code or other international access data.

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Tel: (0)181.571.3588 Fax: (0)181.571.3305

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Please Recycle

Introduction

This kit contains one of the following remote control parts for the Strand 430/530/550 range of consoles and GeniusPro or Lightpalette software:-

Number	Description	Contents
66129	Wired Remote UK/EU	Wired Remote
66126	Radio Remote UK	418 MHz for UK (MPT 1340) Battery Charger - 230v 13 AMP PSU
66124	Base Station UK	418 MHz for UK (MPT 1340) Base Station Cable
66127	Radio Remote EU	433.92 MHz for Europe (ETS 300-220) Battery Charger - 230v Euro PSU
66123	Base Station EU	433.92 MHz for Europe (ETS 300-220) Base Station Cable

- All parts require Operating Software V1.4 or later. Please contact your dealer or Strand if you do not have this software.
- Check with local licensing authority before using radio units outside licence exempt areas.

Installation and Configuration

Wired Remote

- Plug wired remote into console Aux port (only AUX3 is allowed on older consoles).
- At Operating Software setup screen set “Handheld Remote” to “R120 Wired”.
- Display will illuminate and keys become active.
- Channels under remote control will be displayed in purple on console screens.
- Simultaneously press and hold “.” and “*” keys (2 bottom right keys) to adjust display contrast using ↑ ↓ keys.

Radio Base

- Plug radio base station into console Aux port (only AUX3 is allowed on older consoles).
- Red power LED on base will illuminate.
- At Operating Software setup screen set “Handheld Remote” to “R120 Radio” and set the right-hand unit address field (1 to 8).
- Green TX LED will flash approximately once per second.

Radio Handheld

- Connect radio handheld to power supply for **12 hours** to achieve full charge.
- Press “On” key (top right) to power up handheld unit.
- Display should illuminate and keys become active.
- Handheld will display ‘Unit Address n’ for approximate 3 seconds. Change the unit address to match the address set at the console by pressing number keys 1 to 8 within first 3 seconds. Adjust display contrast using ↑ ↓ keys.
- Unit address and contrast can be changed at any time by simultaneously pressing and holding “.” and “*” keys (2 bottom right keys).
- Channels under remote control will be displayed in purple on console screens.
- Unit auto powers down after a period of inactivity or can be manually powered down by simultaneously pressing and holding “.” and “*” keys (2 bottom right keys) then pressing “On” key (top right).
- Unit will “beep” every 3 seconds when battery power is low and recharge required.

Connections

6 pin XLR male	RS232 Signal Name
Pin 1	Ground & Screen
Pin 2	+10V Power Input
Pin 3	N/C
Pin 4	N/C
Pin 5	RX [data to base/handheld]
Pin 6	TX [data from base/handheld]

Operation - Direct Entry Single Digit

Examples of basic operation when in Single Digit Direct Entry mode are given below. For details of all commands see the appropriate GeniusPro or Lightpalette Operator's Manual.

Level Setting

1 @ 5	channel 1 at 50%
2 + 9 @ 4	channels 2 & 9 at 40%
9 THRU 12 @ 4	channels 9 thru 12 at 40%
@ 5	set 50 %
ON	set on level
FULL	set 100% level
↑	increase level
↓	decrease level
NEXT	next channel if channel currently selected else next cue
LAST	last channel if channel currently selected else last cue
REM-DIM	selected channels to on level and all other channels off

Recording & Playback

REC CUE 1 *	record cue 1
CUT CUE 1 *	cut to cue 1
GO	run next cue

Soft keys

F1	GOTO
F2	DIMMER
F3	WAIT
F4	
F5	SHIFT

Operation - Command Line

Examples of basic operation when in Command Line mode are given below. For details of all commands see the appropriate GeniusPro or Lightpalette Operator's Manual.

Level Setting

1 @ 50 *	channel 1 at 50%
2 + 9 @ 40 *	channels 2 & 9 at 40%
9 THRU 12 @ 40 *	channels 9 thru 12 at 40%
@ 50 *	set 50 %
ON	set on level
FULL	set 100% level
↑	increase level
↓	decrease level
NEXT	next channel if channel currently selected else next cue
LAST	last channel if channel currently selected else last cue
REM-DIM	selected channels to on level and all other channels off

Recording & Playback

REC CUE 1 *	record cue 1
CUT CUE 1 *	cut to cue 1
GO	run next cue

Soft keys

F1	GOTO
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F4	
F5	SHIFT