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**LIGHTSPACE<sup>®</sup>**  
INTELLIGENT LIGHTING CONTROLS

**LT-72A**

**CONTROL DESK**

**User's Manual**

**BEIJING STARLIGHT ELECTRONICS CO.,LTD**  
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## ✚ FEATURES

- 72 Channels
- Flash Button and Effects
- 72 faders in wide preset operation, each with own indicator LED
- 5 pages of memory with 36 playback faders on each page – 180 total memories
- DMX512 output on 5 pin XLR connector
- Integral fused power supply – input range of 190–260VAC, 47-65Hz.
- Dimension 935mm(w) x 345mm(d) x 120mm(h)
- The memory has battery backup

## ✚ GETTING CONNECTED



### a) MAINS INPUT

An IEC Mains Input socket is located on the rear panel and a mains power lead is provided. The **LT-72A** has an internal power supply that will operate on voltages between 190 volts and 260 volts AC with a frequency range from 47 to 63 HZ. Plug the mains lead into the MAINS INPUT socket and connect it to a source of mains power. A Power Switch located next to the Mains Input connector allows you to switch the **Desk** off and on without removing the mains lead. The Mains Input socket is fused with a M205 sized 1A fuse.

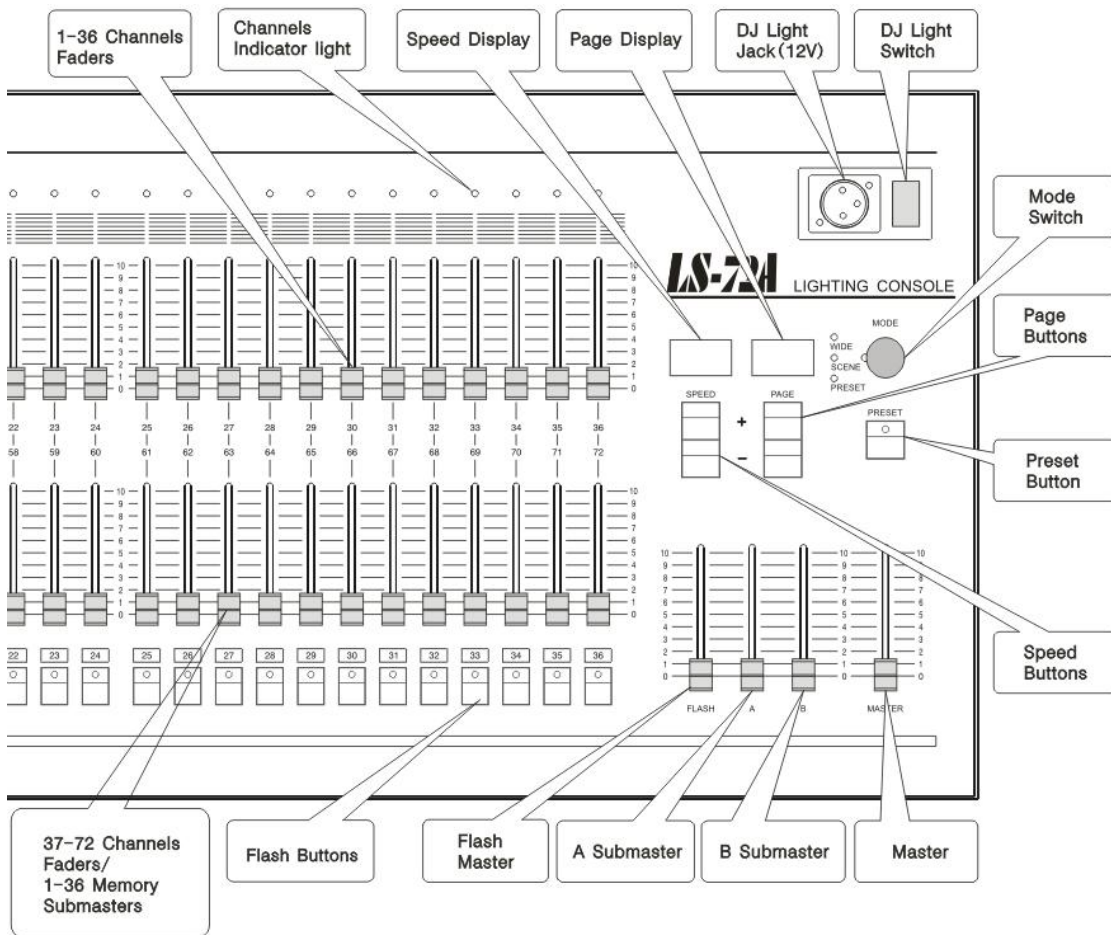
### b) DMX512 OUTPUT

The **LT-72A** transmits a digital signal based on the DMX512/1990 standard.

## OVERVIEW

The **LT-72A** has two banks of faders.

- The A Bank controls the levels of channels 1 to 36
- The B Bank has different functions depending upon the current “mode” of the **LT-72A** as selected by the **MODE** button. These modes are;
  - **PRESET** mode. The B Bank controls the levels of channels 37 to 72.
  - **WIDE** mode. The B Bank controls the levels of channels 37 to 72.
  - **SCENE** mode. The B Bank faders become Memory submasters and control the levels of recorded Scenes or Effects.

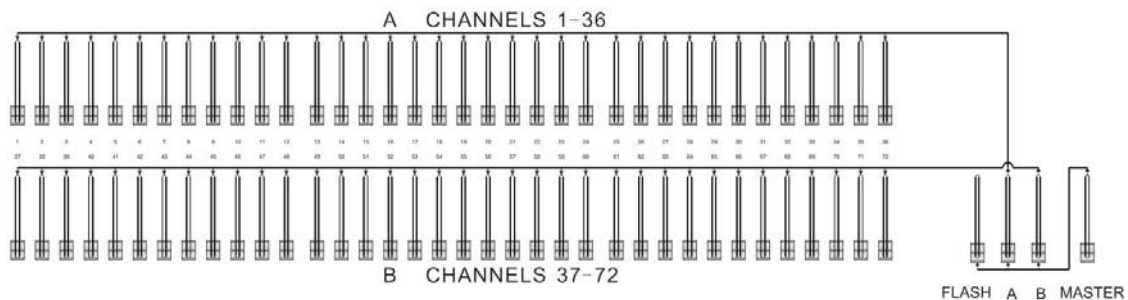


*Simplified block diagram of FRONT PANEL LAYOUT*

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## 🚦 WIDE MODE

Selecting **WIDE** mode changes the operation of the A & B Bank. Each channel has an individual fader to control its level. A and B Master to control the overall level of the A and B banks, Wide mode utilizes both the A and B Banks as a *single* wide bank of 72 channels. The **A Submaster** faders control channels 1 to 36 and the **B Submaster** faders control channels 37 to 72. There is an individual fader for every channel. The **Master** controls the total output of this single (wide) bank. 1-36 Flash Buttons control channels 1 to 36, **Flash submaster** fader control the levels



*Simplified diagram of LS72A in WIDE mode*

## 🚦 PRESET MODE

Selecting **PRESET** mode changes the operation of the A & B Bank. Each channel in the preset has an individual fader to control its level. A and B Master to control the overall level of the A and B banks, **Flash Buttons** to record the scene number. See *simplified diagram of LS72A in WIDE mode*

### RECORDING A SCENE

Press **PAGE** button (select page 1, 2, 3, 4 or 5), **Page display** show the currently page. You can create your look by fading up your required channels, then press **Flash button** (1-36) Scene number to record the Scene, and create the look on the B bank faders with the Preset Master up.

### EDIT THE EFFECTS

Press **PAGE** button (select page 1, 2, 3, 4 or 5), **Page display** show the currently page. Create the look by fading up your required channels, and press **SPEED/[+]** to record the step number of effects, then press the **PRESET** button to finish the step. The effects can be repeated upon step and finished by pressing **PRESET** button twice. One effect can store not more than 20 steps.

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## 🚩 SCENE MODE

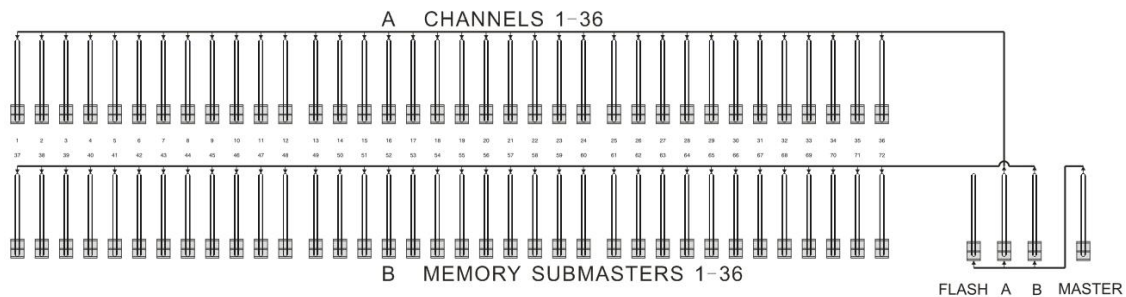
Selecting **SCENE** mode changes the operation of the A & B Bank.

**A Submaster** faders control channels 1 to 36, and the **B Submaster** faders control memory submasters 1 to 36. And the effects stored in the 36 fader of the B bank.

Then you can use the scene which preset in **PRESET** mode by pushing the faders in B bank.

If you change the page, the faders you pushed keep scene of the pre-page, and you can push it to bottom to change for currently page. 1-36 Flash Buttons control MEMORY

SUBMASTERS 1 to 36, **Flash submaster** fader control the levels.



*Simplified diagram of LS72A in SCENE mode*

User's Manual for LS-72A control desk, first edition, 2008

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