Lite-Puter

TX-120

DIGITAL DMX & ANALO

12CH PROGRAMMAB

TOUCH PAN

INTRODUCTION

The 12 channel digital-DMX programmable touch panel offers more features than you wou
*expect in such a touch panel. The **TX-1201** can be used for either its basic touch panel fea*
one of the 4 internal chase programs for each of the three zones, or one of the 12 self
programmable scenes.

***TX-1201** is ideal for a wide variety of lighting situations where little attention to lighting equip*
needed, yet where chase programming would occasionally be desired, such as in schools,
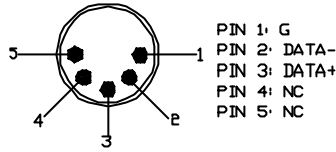*concerts, parties, performances, theaters, mobile discos, consumer shows, etc...*

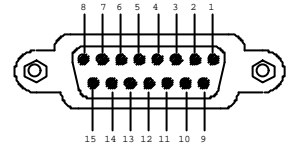**Lite-Puter Enterprise Co., Ltd.**

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SET-UP

DMX   **ANALOG**

PIN 1: G
PIN 2: DATA-
PIN 3: DATA+
PIN 4: NC
PIN 5: NC

PIN: 1~12.) Channels 1~12
13.) NC
14.) NC
15.) GND

You are now ready to start operating your own personal light show from the feature descriptions below
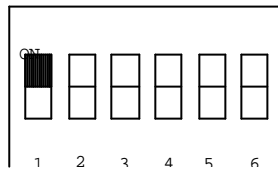
NOTE Before operating your lighting control system, please reconfirm the set up of conne
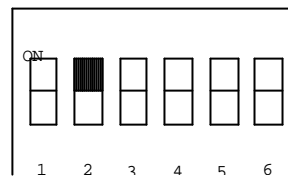signal.

BASIC OPERATION

The TX-1201 starts initially in the blank mode. To turn blank mode off, push the BLANK key pad. In
operation the user can operate the individual channels by pushing the related CH key pads once to tu
then again to turn off. Only in basic operation can user operate flash by pushing the lower key pads.
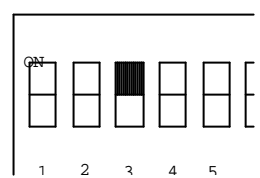
HOW TO STRING 6 SETS OF TX-1201

Please prepare 6 sets of TX-1201, then adjust the start channel of DIP switch as follows.
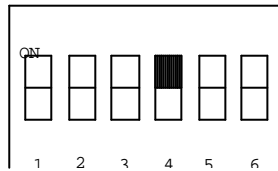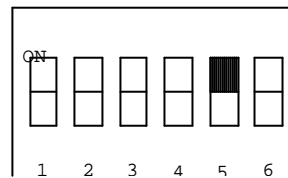
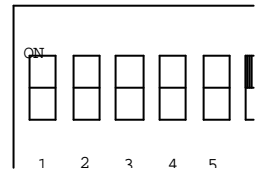1~12 CH. can be controlled   13~24 CH. can be controlled   25~36 CH. can be controlle

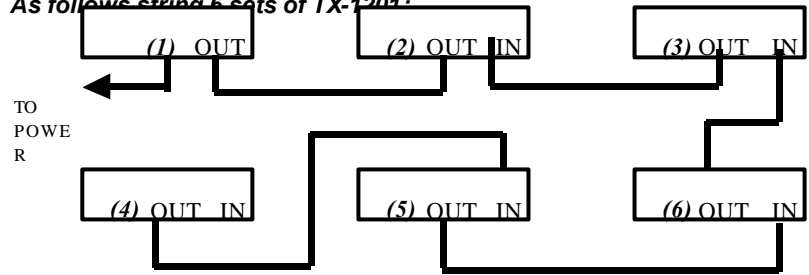37~48CH. can be controlled   49~60 CH. can be controlled   61~72 CH. can be control

As follows string 6 sets of TX-1201:

CHASE

*Operation of a chase can be easily set up in either a built in **AUTO PROGRAMMABLE** mode or S[...]
PROGRAMMABLE mode by **"ZONE"** key pad or **"SCENE"** key pad.*

AUTO PROGRAMMABLE MODE.

*There are a 4 chase programs, each with 12 steps in each of the three zones of channels. The chase pr[...]
in each of the 3 zones are exactly the same. To start an auto chase program, push the ZONE key +pa[...]
the number relating to one of the 4 internal chase programs in the zones desired to be used. To turn off[...]
the corresponding chase key pad again, or the ZONE key pad.*
Note: If desired, any of the 12 channels can remain on by touching the channel key pad

● = ON
O = OFF

PROGRAM	1	2	3	4
STEP 1	●○○○	●●○○	●●●○	●●●●
STEP 2	○●○○	○●●○	○●●●	○○○○
STEP 3	○○●○	○○●●	●○●●	●●●●
STEP 4	○○○●	●○○●	●●○●	○○○○
STEP 5	○○●○	●●○○	●●●○	●●●●
STEP 6	○●○○	○○●●	○○○●	●○○○
STEP 7	●○○○	●●○○	○●●●	●●●●
STEP 8	○●●●	○○●●	●○○○	○●○○
STEP 9	●○●●	●○●○	●○●●	●●●●
STEP 10	●●○●	○●○●	○●○○	○○●○
STEP 11	●●●○	●●○○	●●○●	●●●●
STEP 12	●●●●	○○●●	○○●○	○○○●

CHASE PATTERNS

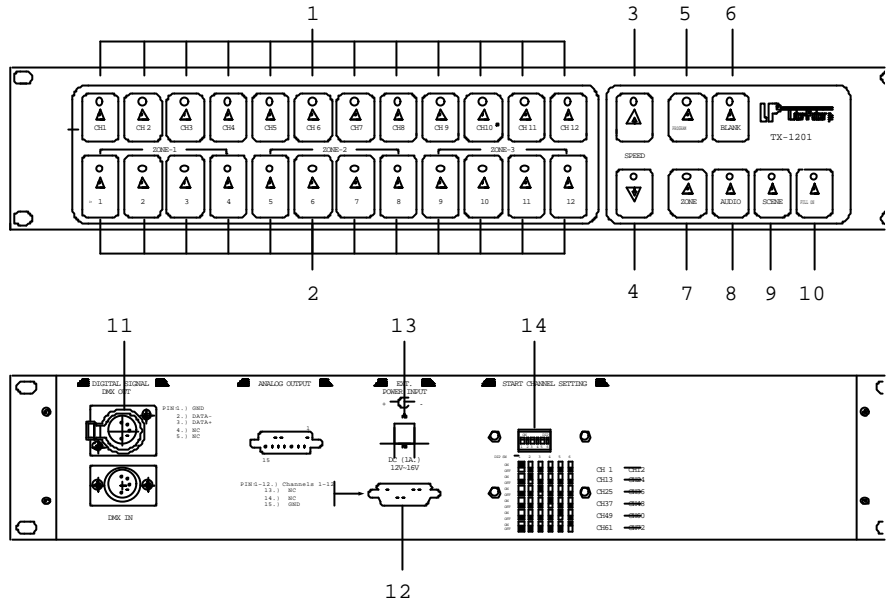|		zone1	zone2	zone3
PROGRAM 1------>	**KEY PADS ....**	**1**	**5**	**9**
PROGRAM 2------>	**KEY PADS ....**	**2**	**6**	**10**
PROGRAM 3------>	**KEY PADS ....**	**3**	**7**	**11**
PROGRAM 4------>	**KEY PADS ....**	**4**	**8**	**12**

SELF PROGRAMMABLE MODE

**** There are 12 scenes that can be programmed. Each program has 12 steps

PROGRAMMING INSTRUCTIONS;
1) Begin programming a scene by touching the PROGRAM key pad.
2) Touch a lower key pad #1~12 to represent the scene you wish to program
3) Automatically, the indication light in the #1 key pad will be on to indicate step #1
4) Touch the desired channels in the upper channel key pads, to be used for the
   desired step.
5) To set-up step #2~12, touch the SCENE key pad, then follow previous instruction; #4
6) When programming is completed, touch PROGRAM key pad.
7) To review or to initiate a desired scene, touch the SCENE key pad, then the scene # keypad

<u>NOTE:</u> Various scenes can be operated in sequence by touching the SCENE key pad, then all the rela
pad numbers. All scenes to be operated will be indicated by the indication light. The activated scene
indicated by a blinking light.

ILLUSTRATION

GENERAL FUNCTIONS

_1) CHANNEL KEY PADS (UPPER)
 2) LOWER KEY PADS *(Different functions in different modes)*
      BASIC MODE................................... *Channel flash key pads*
       CHASE: AUTO PROGRAM MODE..... *Zone (scene) key pads for built-in chaser*
         CHASE: PROGRAMMABLE MODE.... *Scene key pads for programmable chaser*
  3) SPEED INCREASE KEY PAD

4) SPEED DECREASE KEY PAD
5) PROGRAM KEY PAD
6) BLANK KEY PAD (All channels off until key pad is touched again)
7) ZONE KEY PAD (See CHASE: AUTO PROGRAM)
8) AUDIO KEY PAD (Speed of chaser synchronizes with the speed of all audio signals received by the built in mic.)
9) SCENE KEY PAD (See CHASE: PROGRAMMABLE)
10) FULL ON KEY PAD channel 1..12 on)

REAR PANEL
11) DIGITAL DMX IN / OUTPUT CONNECTORS -
12) ANALOG OUTPUT CONNECTOR
13) DC POWER INPUT
14) SETTING UP THE ADDRESS OF START CHANNEL

TECHNICAL SPECIFICATION

POWER INPUT...DC +12~16V 1A
supplied from DC POWER JACK
ANALOG SIGNAL...OFF: DC 0-V ,   ON: DC 10-V
ANALOG CONNECTOR..................................15 PIN D-TYPE MALE CONNECTOR
AUDIO INPUT SIGNAL...................................100mV(built-in mic.)
DIMENSION..19" 2U Rack size
482mm(w) x 88mm(h) x 80mm(d)
NET WEIGHT...1.8kg

TX-1201 SYSTEM CONFIGURATION

2XDIGITALLPX OUTPUT

ANALOGOUTPUT
PX-1210

12CHANALOG POWERPACK   X12

DIGITAL-DM XPOWERPACKS: PX-1210

Lite-Puter PX-1210DMX /ANALOG 12CH POWER PACK   POWER

CH1   CH2   CH3   CH4   CH5   CH6   CH7   CH8   CH9   CH10   CH11   CH12

TX-1201l