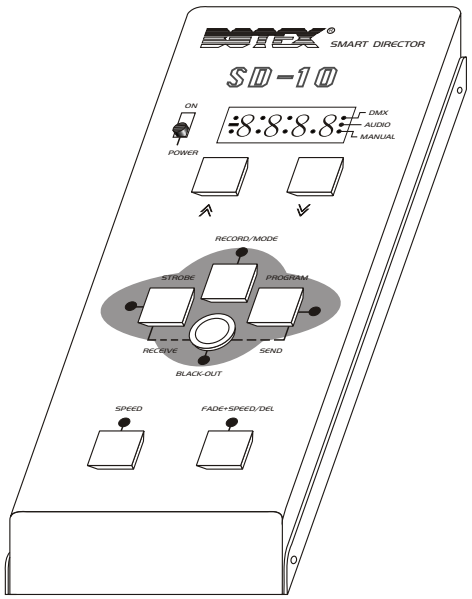
English

SMART DIRECTOR

SD-10

USER'S MANUAL



Please read before use

SMART DIRECTOR

SD-10

Improvement and changes to specifications, design and this manual, may be made at any time without prior notice.

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Features

Thank you for your purchase of this BOTEX product.
This Smart Director features include:

- 96 DMX channels
- 9 chase programs & a AP program
- 9 strobe programs & a AS program
- Each chase/strobe program can record a maximum of 48 scenes
- Either AS or AP program can record a maximum of 60 scenes
- Each AS or AP scene enables to has its individual speed or fade time
- Auto/Audio/Manual chase of programs
- A continuous cycle of Manual or Auto programs
- Access the scenes from any DMX controller
- All data can be swapped between two or more units
- Built-in microphone for Music triggering
- Power failure memory

General Instructions

Read the instruction in this manual carefully and thoroughly, as they give important information regarding safety during use and maintenance. Keep this manual with the unit, in order to consult it in the future. If the unit is sold or given to another operator, make certain that it always has its manual, to enable the new owner to read about its operation and relative instructions.

⚠ Warnings

- **DO NOT** make any inflammable liquids, water or metal objects enter the unit.
- Should any liquid be spilled on the unit, **DISCONNECT** the power supply to the unit immediately.
- **STOP** using the unit immediately In the event of serious operation problems and either contact your local dealer for a check or contact us directly.
- **DO NOT** open the unit--there are no user serviceable parts inside.
- **NEVER** try to repair the unit yourself. Repairs by unqualified people could cause damage or faulty operation. Contact your nearest dealer.

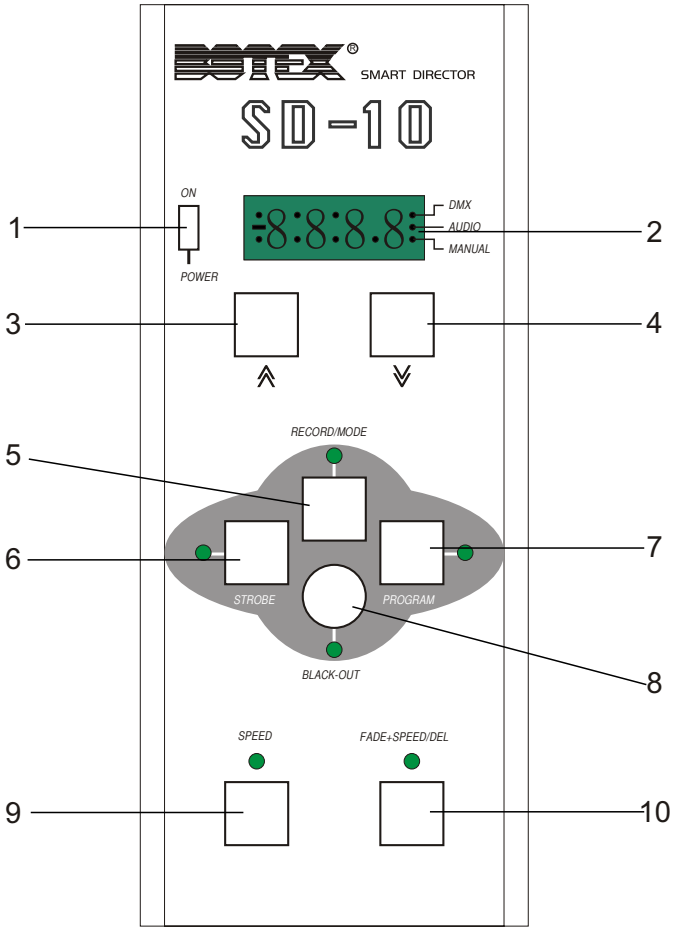
⚠ Cautions

- This unit is **NOT** intended for home use.
- After having removed the packaging check that the unit is **NOT** damaged in any way. If in doubt, **DON'T** use it and contact an authorized dealer.
- Packaging material (plastic bags, polystyrene foam, nails, etc.) **MUST NOT** be left within children's reach, as it can be dangerous.
- This unit must only be operated by adults. **DO NOT** allow children to tamper or play with it.
- **NEVER** use the unit under the following conditions:
  In places subject to excessive humidity.
  In places subject to vibrations or bumps.
  In places with a temperature of over 45°C/113°F or less than 2°C/35.6°F.

  Protect the unit from excessive dryness or humidity (ideal conditions are between 35% and 80%).
- **DO NOT** dismantle or modify the unit.

1. Overview

1.1 Front View



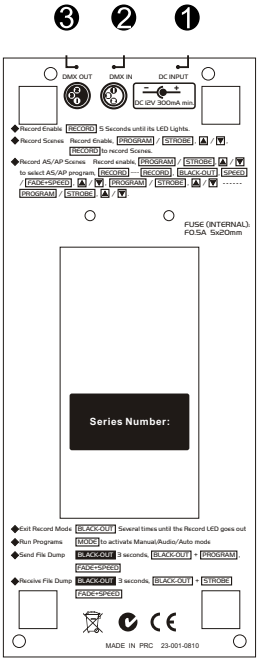
1. Overview

1.1 Front View

1. Power Switch	Move the slider to Up position to turn the power on.
2. Segment Display	Shows the current activity or function state.
3. Up Button	Tap the button to increase the display value.
4. Down Button	Tap the button to decrease the display value.
5. Record/Mode Button	Keep pressing for five seconds to activate Record Mode, the LED above it lights indicating this selection. Tap the button to select Run mode from Manual/ Audio/Auto modes.
6. Strobe Button	Tap the button to activate Strobe programs and the LED near it lights indicating your selection.
7. Program Button	Tap the button to activate Chase programs and the LED near it lights indicating your selection.
8. Black-out Button	Tap the button to kill output temporarily or go back one level in Record mode. Keep pressing for 3 seconds, a tap of Program button enables to send file dump as well as a tap of Strobe button enables to receive file dump.
9. Speed Button	Tap the button to activate speed setting.
10. Fade+Speed/Del Button	Tap the button to activate fade speed. In Record mode, this button can be used to delete a program or a scene.

1. Overview

1.2 Back View



1. DC Input DC 12V, 300mA min.

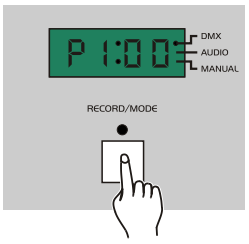
2. DMX In This connector accepts DMX signal from a DMX controller or receives file dump from last unit.

3. DMX Out This connector sends DMX signal through to the DMX fixture or sends file dump to the next unit.

2. Operation Guide

2.1 Record Mode

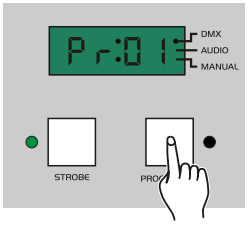
2.1.1 Record Enable



Press and hold down the Record/Mode button for five seconds, the LED above it lights indicating Record mode is active, the Segment Display shows the program and its scene of last time.

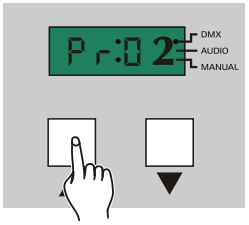
The DMX LED will light when DMX signal is present.

2.1.2 Record Scenes



1. Record enable.

2. Tap the Program or Strobe button to select chase programs or strobe programs. The LED near it lights indicating your selection.



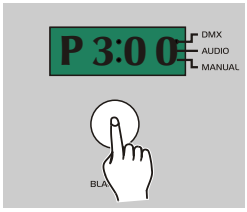
3. Tap the Up/Down button to select the program you wish to record scenes into.
   There are total 9 chase programs and 9 strobe programs.

2. Operation Guide

2.1.2 Record Scenes

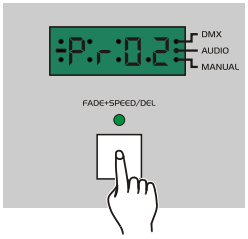
4. Tap the Record button to record scenes. Create a desired scene on your DMX controller. Once the scene is satisfactory, tap the Record/ Mode button to record this scene as the first step, all LEDs flash briefly indicating you've record this scene into the program and the Segment Display shows the current step.

5. Continue recording scenes until you've got a desired program. You may record a maximum of 48 scenes into a program.



6. Tap the Black-out button until the Record LED goes out, this unit is out of Record mode.

2.1.3 Delete a Program



1. Record enable

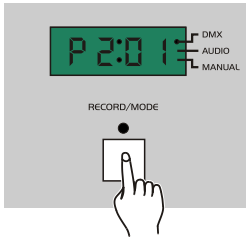
2. Repeat steps 2-3 in Record Scenes to select the program you wish to delete.

3. Tap the Del button to delete the program, all LEDs flash briefly indicating this operation.

2. Operation Guide

2.1.4 Delete a Scene

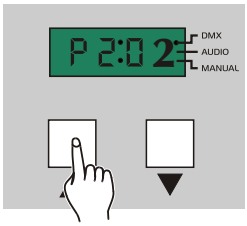
NOTE: You must record scenes before you can delete the scenes.



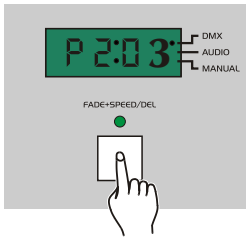
1. Record enable.

2. Repeat steps 2-3 in Record Scenes to select the program that holds the scene you wish to delete.

3. Tap the Record button.



4. Tap the Up/Down button to select the scene you wish to delete.

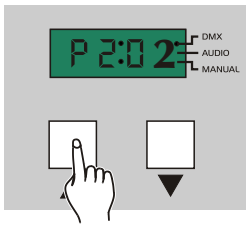


4. Tap the Del button, all LEDs flash briefly indicating this scene is deleted.

2. Operation Guide

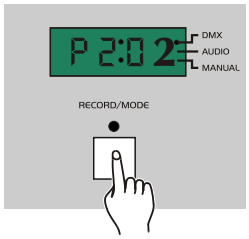
2.1.5 Add a Scene

NOTE: You must record scenes before and the program holds less than 48 scenes.



1. Repeat steps 1-3 in Delete a Scene.

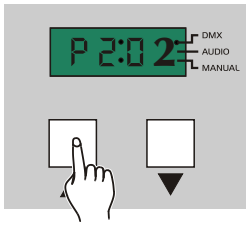
2. Tap the Up/Down button to select the scene which you wish to add a new scene before.



3. Create a scene on your DMX controller, tap the Record button, all LEDs flash briefly indicating you've added a scene(step) into this program.

2.1.6 Change a Scene

NOTE: The program must record 48 scenes.

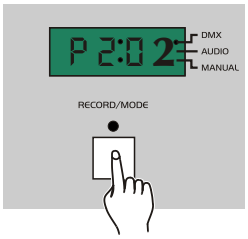


1. Repeat steps 1-3 in Delete a Scene.

2. Tap the Up/Down button to select the scene you want to change.

2. Operation Guide

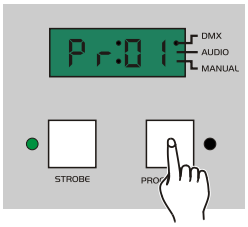
2.1.6 Change a Scene



3. Create a scene on your DMX controller, tap the Record button to change the step(scene), all LEDs flash briefly indicating the old scene is replaced by the new one.

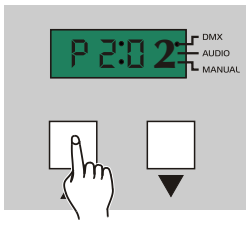
2.1.7 Preview a Scene

NOTE: You must record scenes before you can preview the scenes.



1. Repeat steps 1-3 in Delete a Scene.

2. Tap the Program or Strobe button, the LED near it lights indicating your selection.

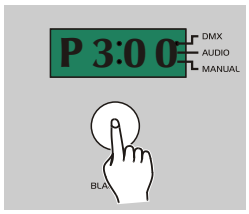


3. Tap the Up/Down button to select the scene you wish to preview.

4. Tap the Program or Strobe button again to leave this mode.

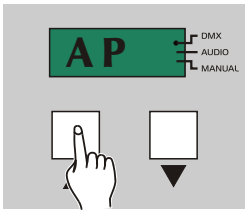
2. Operation Guide

2.1.8 Exit Record Mode



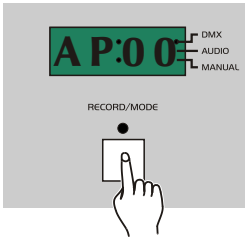
Tap the Black-out button until the Record LED goes out, this unit is out of Record mode.

2.2 Record AS/AP Scenes



1. Record enable.

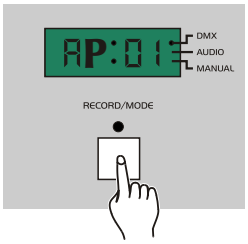
2. Tap the Up/Down button to select AS or AP.
   (AS for strobe program, AP for chase program)



3. Tap the Record button.

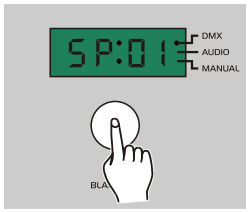
2. Operation Guide

2.2 Record AS/AP Scenes

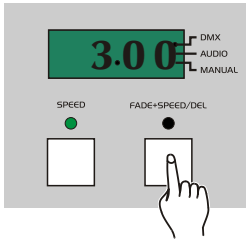


4. Create a scene on your DMX controller, tap the Record button, all LEDs flash briefly indicating you've record a scene(step) into this program.

5. Continue recording scenes until you've got a desired program. You may record a maximum of 60 scenes into this AP/AS program.



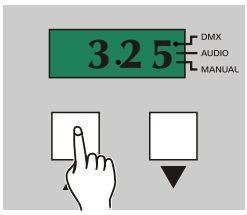
6. Tap the Black-out button, the Segment Display shows "SP01" , now you may adjust beat time or fade time of the first step(scene).



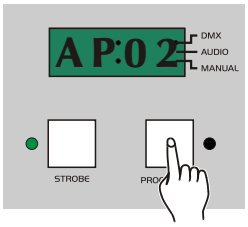
7. Tap the Speed button if you just want to change the scene instantly at certain speed.
   Tap the Fade+Speed button if you want the scene to fade in at certain speed.

2. Operation Guide

2.2 Record AS/AP Scenes

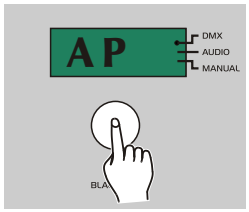


8. Tap Up/Down button to adjust the beat time or fade time of the current step.



9. Tap the Program(for AP scenes) or Strobe(for AS scenes) button to enter next step.

10. Continue steps 8-9 until every step has its beat time or fade time.



11. Tap the Black-out button to return to AS/AP program. Tap this button again to leave Record mode.

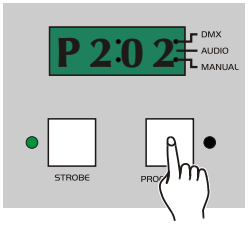
2. Operation Guide

2.3 Run Programs

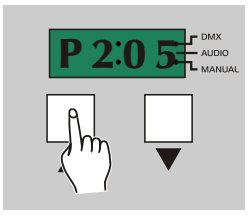
Every time you turn on this unit, it is always in Run mode, you may tap the Mode button to activate the programs with Audio/Manual/Auto mode.
Be sure the programs have record scenes before you can run the programs.

2.3.1 Manual Mode

1. Tap the Mode button several times until the a dot LED near Manual lights.



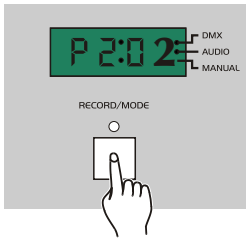
2. Tap the Program or Strobe button several times to select the program you wish to run.



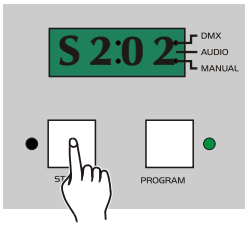
3. Tap the Up/Down Strobe button to run the scenes step by step.

2. Operation Guide

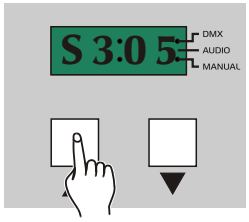
2.3.2 Audio Mode



1. Tap the Mode button several times until the a dot LED near Audio lights.



2. Tap the Program or Strobe button to select chase program or strobe program.



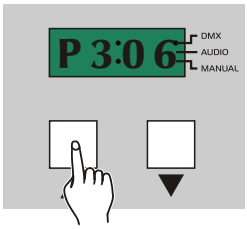
3. Tap the Up/Down button to select the program you wish to run.

4. Once the program is selected, the program will be controlled by the music rhythms detected by the built-in microphone.

2. Operation Guide

2.3.3 Auto Mode

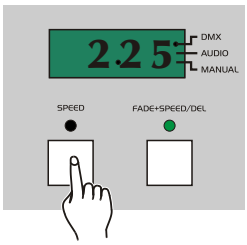
1. Tap the Mode button several times until both Manual and Audio LEDs go out, that is, Auto mode is active.



2. Tap the Up/Down button to select the program you wish to run.

3. Once the program is selected, the program will run at the speed you've set before.
   You can adjust the speed from 10 steps per second to one step per 600 seconds.

2.4 Speed Setting

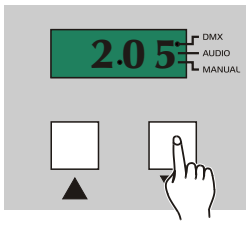


1. Tap the Speed or Fade+Speed button to select chase mode or fade mode, the LED above it lights indicating your selection.

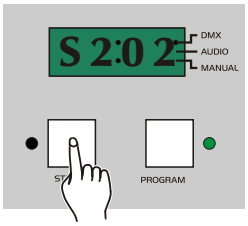
If the Speed LED lights, the scenes of the program will sequence at the current speed.
If the Fade+Speed LED lights, the scenes of the program will fade in at the speed.

2. Operation Guide

2.4 Speed Setting

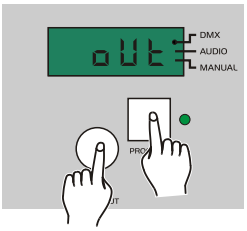


2. Tap the Up/Down button to adjust the speed within 0.1-600 seconds, the Segment Display shows the current speed.
   For Example:
   1:00 represents 1 minute, 1.00 represents 1 second.



3. Tap the Program or Strobe button to leave speed setting.

2.5 Send Data File

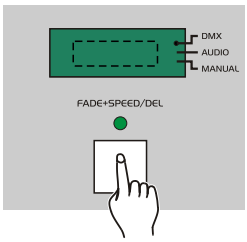


1. Keep pressing the Black-out button for 3 seconds.

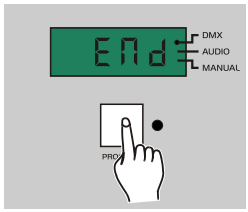
2. Tap the Program button while holding down the Black-out button. If this unit has record the scenes, the Segment Display shows "OUT" indicating this unit is ready to send file dump, otherwise shows "EPTY" indicating all the programs are empty.

2. Operation Guide

2.5 Send Data File

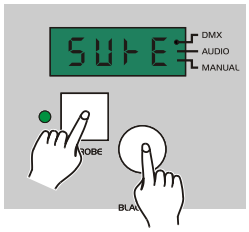


3. Before you can send data file, make sure the receiving unit has been in "RECEIVE" mode so that it can receive correct and complete data file.
   Tap the Fade+Speed button to send data file.
   During the course of sending, all other operation doesn't work.



4. When this unit completes sending, the Segment Display shows "END". Tap any button to leave this mode.

2.6 Receive Data File

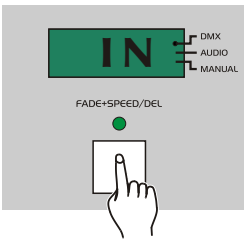


1. Keep pressing the Black-out button for 3 seconds.

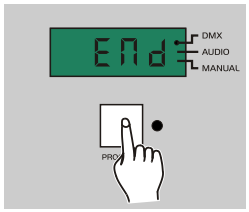
2. Tap the Strobe button while holding down the Black-out button. If this unit has record the scenes, the Segment Display shows "SURE" otherwise shows "IN" .

2. Operation Guide

2.6 Receive Data File



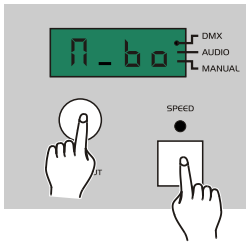
3. Tap the Fade+Speed button to receive data file, the Segment Display shows "IN".
   Attention: please be sure you proceed receiving before sending so that you can receive complete data file.
   During the course of sending, all other operation doesn't work.



4. When receiving is over, the Segment Display shows "END". Tap any button to leave this mode.

2.7 Black-out Mode

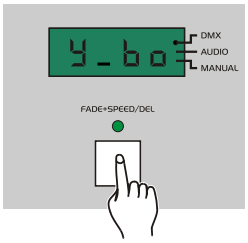
1. Turn the power off.



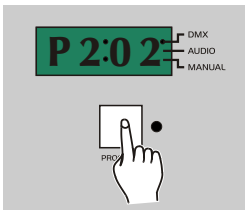
2. Press Speed and Black-out buttons at a time while turning the power on. If the Segment Display shows "Y-BO", this unit gives zero output when the power is turned on; if the Segment Display shows "N-BO", output is turned on when the power is turned on.

2. Operation Guide

2.7 Black-out Mode



3. Tap the Fade+Speed button to change between "N-BO" and "Y-BO".



4. Tap the Program button to leave this mode.

2.8 Initialization

All the programs are blank when this unit is packed. If you are not satisfied with your programs, you can initialize this unit to clear all memory.

1. Turn the power off.
2. Press Program, Up and Fade+Speed buttons at a time while turning the power on, this unit will be initialized and return to factory setting.

Technical Specifications

Power Input	DC 12V, 300mA min.
DMX Out/In	3 pin female & male XLR socket
Audio Input	By built-in microphone
Fuse(Internal)	F0.5A 250V 5x20mm
Accessory	AC/DC adaptor x1PC
Dimensions	190X80X31mm
Weight	0.52 Kg

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