



**A9915062 (black)**  
**A9915063 (white)**

# **ART-8D**

**User Manual**

## DESCRIPTIONS

The ART-8D is a simple 8 scenes lighting controller with touch interface, featuring the function of online control, data copy, infrared remote control and so on.

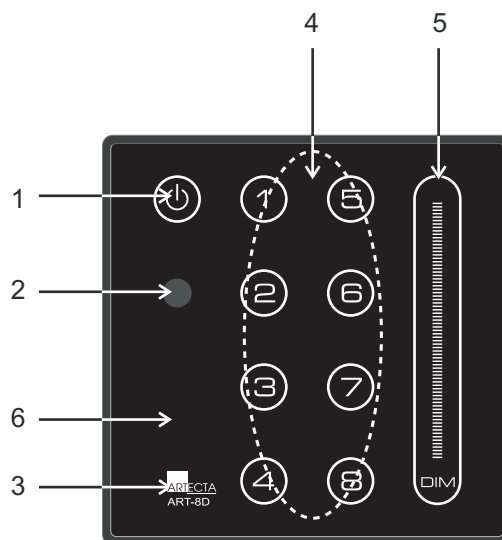
## FEATURES

- 8 Scenes, 8 DMX Channels for each Scene
- Fade-In-Time and SwitchOff Fade-Time can be set for each Scene
- Function of front panel and programme lockable
- Infrared remote control
- External timing trigger controllable, different Scene can be timing raised and closed
- Online control function. In online state, the same scene can be triggered simultaneously, up to 32 units can be connected on a linking
- Function of data copy. All the data of the current device can be sent to the other online devices
- Function of front panel back lighting automatically dimming. The front panel back lighting will automatically dimming if no action on push button in 1 minute
- Power failure protection

## SPECIFICATIONS

Voltage Requirement.....	12~24V DC
Connector.....	4 Pin terminal
Dimensions.....	85x85x19(mm)
Weight.....	100g

## LAYOUT

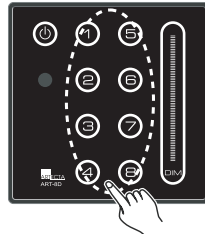


1. Power On/Off button: Used to power on/off the device.
2. Infrared Receiving Sensor: Receives the signal from the infrared remote controller.
3. Mode(M1) Button: Function Button
4. Figure button 1~8: scene 1~8.
5. DIM-SLIDER: adjusts level for each scene or DMX channel, etc.
6. Stealth Mode(M2) Button: an auxiliary function button.

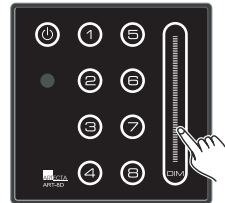
# OPERATION GUIDE

## User Mode

1) In user mode, press and hold on any a figure button for 0.5 second that can raise Scene 1~8, just then use DIM-SLIDER to adjust the master intensity level for the raised Scene.



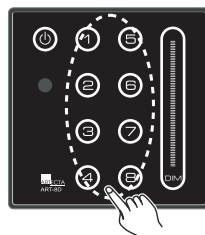
Raise a scene



Adjust intensity

2) Tap any a figure button may select DMX channel 1~8 for the current scene, now use DIM-SLIDER can adjust the DMX value for the selected Scene.

**Note:** If the interval of pressing button is less than 0.8second, the operator can select the more channels.



Select a channel

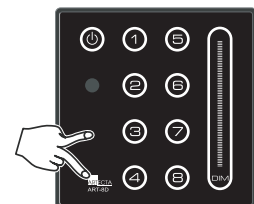


Adjust DMX value

## Program Mode 1 & Program Mode 2

### Swapping of Program Mode 1 and Program Mode 2

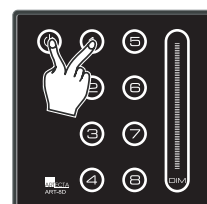
Press and hold down "M1" and "M2" for 5 seconds may swap between Program Mode 1 and Program Mode 2. The factory setting (default) is Program Mode 1.



## Program Mode 1 (Edit a Scene)

### 1) Access Program Mode

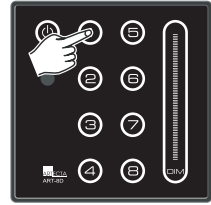
Press and hold down "ON/OFF" and "SCENE1" for 5 seconds to access Program Mode. The ON/OFF flashes on and off.



2) *Selecting a Scene you want to edit.*

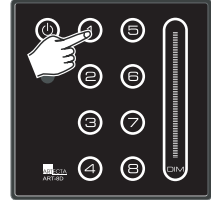
For example, press SCENE1 and hold it on for 3 seconds.

The "ON/OFF" and "SCENE1" flash on and off that means you selected SCENE1.

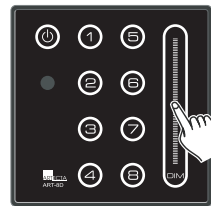


3) *Selecting a DMX channel from 1 to 8.*

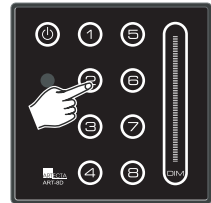
For example, press figure button 1 and it lights that means you selected DMX channel 1. The "ON/OFF" and "SCENE1" keep flashing on and off that means it is still in program mode for editing SCENE1.



4) Now can use DIM-SLIDER to adjust the DMX channel level for SCENE 1.

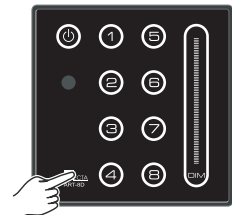


5) Press figure button 2 to select DMX channel 2, likewise, use DIM-SLIDER to adjust the value for DMX channel 2.

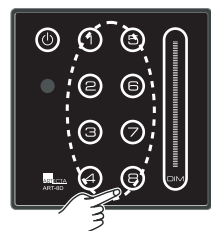


6) Use the above process to adjust the DMX level for the other DMX channels.

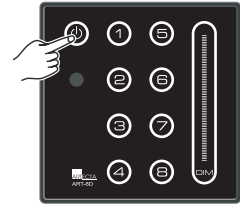
7) Press and hold on function button(M1) for 3 seconds to access Fade-In-Time mode. M1 and button 1~8 flash on and off .



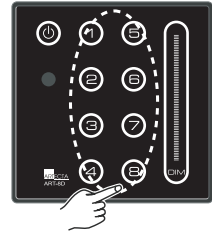
8) Press figure button 1~8 may set the Fade-In-Time as 1~8 second(s) for SCENE 1.



9) Press "ON/OFF" for 3 seconds to access SwitchOff Fade-Time mode. The M1 and button 1~8 flash on and off .

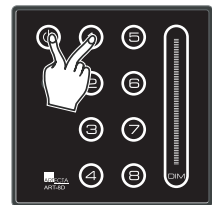


10) Press figure button 1~8 may set the SwitchOff Fade-Time as 1~8 second(s) for SCENE 1.



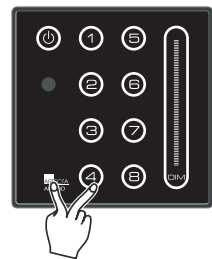
11) If want to edit the other scenes, press and hold on the responding Scene for 3 seconds, repeat the step 2~10 to complete it. At the time of switching to the next scene, the data of the previous scene will be stored.

12) Press and hold on "ON/OFF" and "SCENE1" for 5 seconds to exit from program mode, the responding Scene button lights.



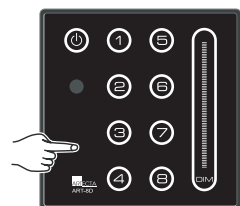
**Program Mode 2**

1) In the case of programming allowable, you can press M1 and SCENE1~8 at a time, 2 seconds later, the current channel value can be stored into the specified scene.



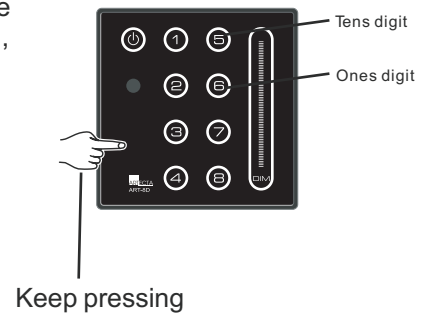
2) Setting the Fade-in-time and SwitchOff fade-time as well.

2.1) Keep pressing M2, 2 seconds later will access Fade-in-time setting mode. Now press the figure button once which determines what the Fade-in-time was set. For example, if you press the button "5", the Fade-in-time will be set as 5 seconds.



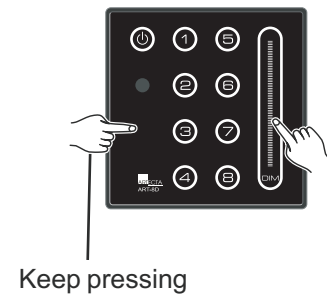
Also you can press 2 figure buttons in order that the first figure button is tens digit and the second one is ones digit. Just then, the tens digit indicator flashes and the ones digit indicator lights. For example, press the figure button 5 as the tens digit and press the button 6 as the ones digit, the button 5 will flash the button 6 will light. Now the Fade-in-time will be counted as

$$5 \times 10 + 6 = 56 \text{ seconds.}$$



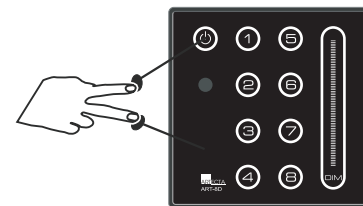
Once you confirmed your settings, release the M2, now the Fade-in-time will be stored.

Additionally, when you have accessed the Fade-in-time setting mode, use Dim slider also can adjust the Fade-in-time level, the tens digit indicator flashes and the ones digit lights. Max 88 seconds can be set.



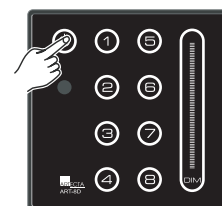
2.2) Keep pressing "M2" and "On/Off" , 2 seconds later will access SwitchOff fade-time setting mode.

Now release the "On/Off"(keep pressing "M2", use the same process as Fade-in-time to set SwitchOff fade-time.



### Power On/Off

Tap ON/OFF button can power on/off the unit. In the state of unit off, tap any button may turn on the device.

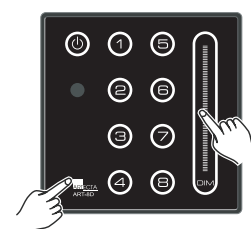


### Front Panel Lock

Press and hold on "M1" button, simultaneously adjust the DIM-Slider.

1) When DIM-Slider fully lights, the front panel was locked. Now all the buttons are void .

2) When DIM-Slider blacks out, the front panel was unlocked.

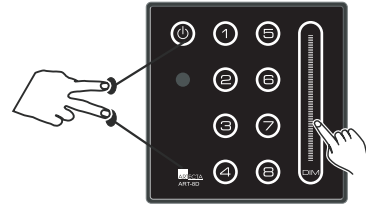


## Programme Lock

Press and hold on "M 1" + "ON/OFF", simultaneously adjust the DIM-Slider.

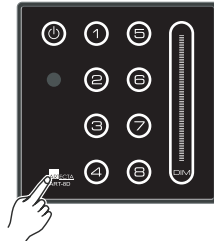
1)When DIM-Slider fully lights, the programme was locked. Now it is not allowed to access the programme mode or store a modified scene.

2)When DIM-Slider blacks out, the programme was unlocked.



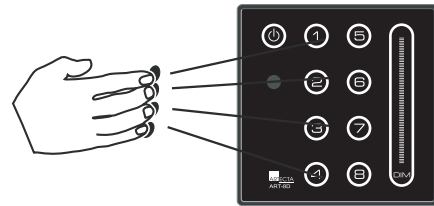
## Data Copy

Press and hold on "M1" for 10 seconds may send all the data from the current unit to the others, at this time the DIM\_SLIDER starts to chase, about 10 seconds later, all the online devices will restart and the data sending will be completed.



## Key tone

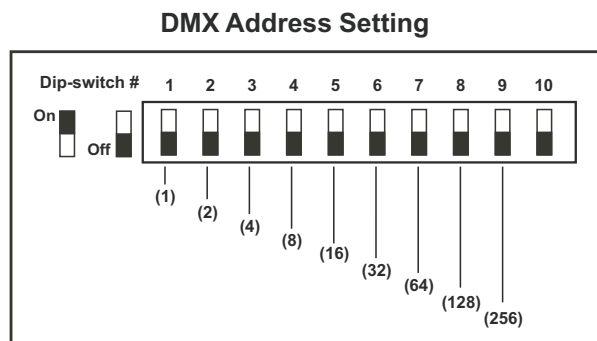
This device allows you switch the key tone as on or off. Synchronously press the button 1,2,3 and 4, you can switch the key tone between on and off.



## DMX Address setting

This device allows you set the DMX initializing address for the 8 channels via the dip-switch on the rear panel of it.

Here are DMX Address Setting Diagram and DMX Address Table for matching dip switches as your reference.

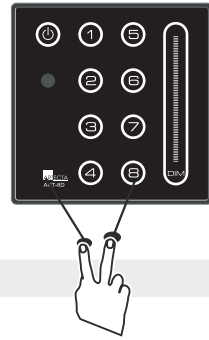


**DMX Address Table**

DMX START CH#	DIP-SWITCHS ON	DMX START CH#	DIP-SWITCHS ON
1	1	11	1, 2, 4
2	2	12	3, 4
3	1, 2	13	1, 3, 4
4	3	14	2, 3, 4
5	1, 3	15	1, 2, 3, 4
6	2, 3	16	5
7	1, 2, 3	:	:
8	4	:	:
9	1, 4	:	:
10	2, 4	511	1,2,3,4,5,6,7,8,9

## Recover Default

Synchronously press "M1" and "8", hold down them for 10 seconds, the device will recover it's factory default.

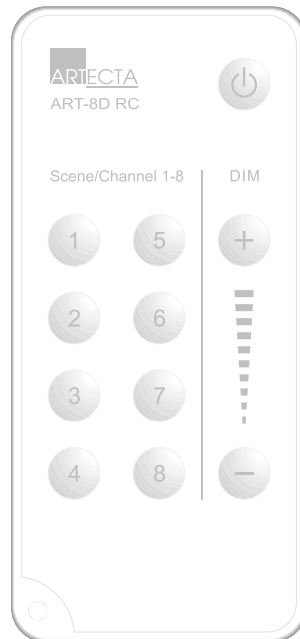


## Power failure protection

This function will protect your data from power failure.

## REMOTE CONTROLLER

The ART-8D is available in infrared remote control.



Press the figure button 1~8 and hold down it for 0.5 second that the corresponding Scene can be raised, use DIM+/DIM- can adjust the master intensity of the scene.

Tap the figure button 1~8 may select the DMX channel 1~8 for the current scene. (If the interval of pressing each button is less than 0.8second, the operator can select the more channels.) Use DIM+/DIM- can adjust the DMX level of the channel.

The Power button is used to power on/off the ART-8D.