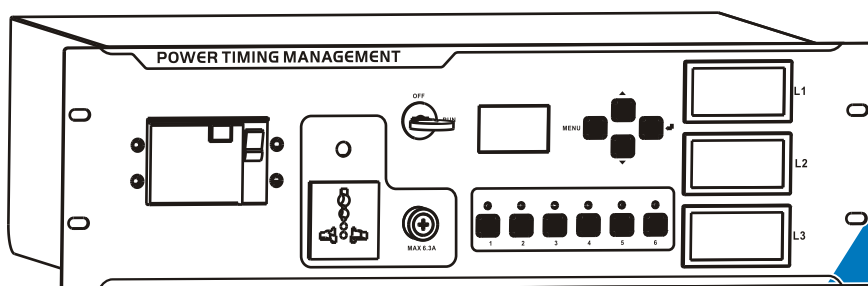




POWER TIMING MANAGEMENT

CA-663T



User Manual

Please read the instruction carefully before use

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1. Features

- 6 channels power supply
- Individual buttons to switch on/off the unit
- The wait time between channels can be set by master
- Up to 32 CA-663T can be online at the same time
- Auto search online controller, and they can be set automatically
- Any change or contradiction happened to master and slave, warning sign will show on LED display
- No key operation facilitate operating when key is not available
- Lock function to prevent accidental operation
- Master can control each channel status of slave
- Can update program from signal interface
- With the function of factory reset.

2. General Instructions

Please read the user manual carefully, as it includes important information regarding details of operation, maintenance, and technical data. Keep this manual with the unit for future consultation.

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 immediately.
- ◆ STOP using the unit immediately in the event of serious operation problems and contact with your local dealer for a check or contact us directly.

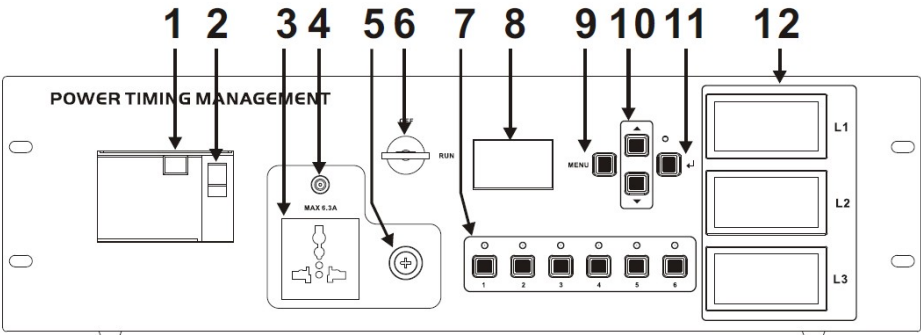
- ◆ DO NOT open the unit--there are no user serviceable parts inside.
- ◆ NEVER try to repair the unit by yourself. Repairs by unqualified people could cause damage or faulty operation.

CAUTIONS !

- ◆ After having removed the packaging, please 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 privately.

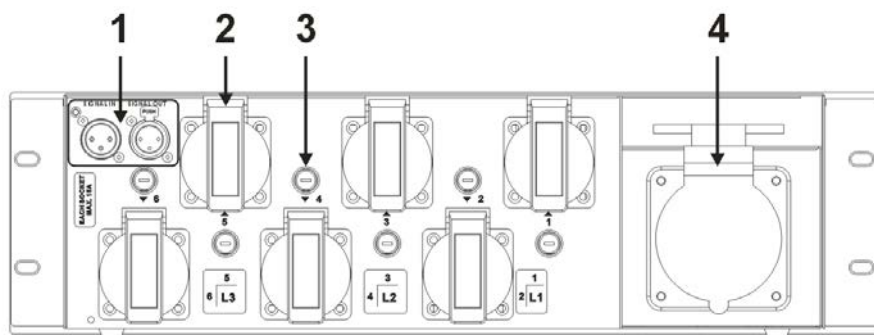
3. Overview

3.1 Front View



1	leakage protection switch	leakage protect
2	Power Switch	Power on/Off the unit
3	Power receptacle	Supply Max. 6.3A power
4	socket LED indicator	The LED indicator for socket
5	socket fuse holder	6.3A power fuse
6	key switch	turn on/off channel output orderly
7	channel buttons and LED indicators	turn on/off channel output manually and show the channel status
8	LCD display	To show the current operation status
9	Menu button	Enter Menu button / Back to last menu
10	Up/Down button	Up/Down
11	Enter button	Confirm selection
12	Voltage/Current output LCD display	Check the voltage/current output

3.2 Rear View



1 Signal in/out

2 6 channels power output

3 output fuse holder

4 main power input

Connect to other CA-663T

each channel provide max. 15A

Restrict the channel output current within 15 A

three-phase five-wire system power supply


4. Operation Guide

CA-663T is a power timing controller with 6 channels switch; it can turn on/off output power according to preset time. There is master/slaver to control; you can set up to 32 online units at the same time. The master can monitor and control the status of slaver, when there is any change happens to the units, the master will show the warning sign on the LCD display. The unit can also manually set the on/off status especially for some specific channels. This unit is suitable using in any occasion that need to manually control the power switch, such as the power switch of audio equipment, power switch for sequential and so on. It can be convenient and orderly control the power supply switch of related equipment.

4.1 M/S


Turn on the unit; it will show Timing Manager Master on the LCD display, after about 5



seconds, it will enter into main interface  button to enter into M/S mode. You can choose setting the current unit as Master/Slave by Up/Down button. Please note that only one unit can be set as Master, the other as slaves, and the name of each unit should be unique, cannot repeat. For example, you name a unit from Slave01 to Slave31, only one unit for one name, or there will be warning sign showed on LCD display.


4.2 Units




Enter into main menu by pressing , then use Up/Down button to choose the online number 01-32. For example, if the online units number what you set is 5, then one unit should be set as Master and the other four should be set as Slave01, Slave02, Slave03, Slave04. No matter how many units you have actually online, the Slaves after Slave04, such as Slave05, Slave06, Slave07 ... they cannot be detected by Master. So you should set the online units number according to the actual online units which you want to control.

4.3 SetTime



Enter into main menu by pressing , and then use Up/Down button to choose SetTime setting. Change the interval time between channels by Up/Down button. You can also set ON/OFF status for each channel. On/Off means that it will keep the status of turn on/Off all the time.


If you choose ON/OFF status here, then the following manual button switch or the key operation will deactivate for them. The rang of wait time between channels is 0-10 seconds; also you can set the specific channel status as ON/OFF. After you finish the setting of 6 channels of master, it will automatically jump to next Slave by pressing  Down button. So now you can set other channel of slaves successively.

Set Time	
Master	ON
Slave	OFF
Slave	OFF

Master(06)	
Chan 02	2.0S
Chan 03	2.0S
Chan 04	2.0S

4.4 Manual

Ensure in the SetTime mode, the status of each channel is not On/Off, or it won't work in the manual mode anymore. In this mode, it can research and control the channel status of master/slave automatically. You can change each channel ON/OFF status manually.

Enter into main menu by press  menu button, then use Up/Down button to choose Manual setting. You can check the online units' status here, left is unit name, right side is channel number. If the channel number says 00 that means the unit haven't been detected

Manual	
Master	06
Slave01	00
Slave02	00

or haven't been connected

In this mode, Master can detect and control the status of slaves automatically. The channel

Master	
Chan 02	ON
Chan 03	OFF
Chan 04	OFF

status can be changed by Up/Down button manually

When there is any change happens to the online unit, the LCD display on the master will




show warning sign.

Warning sign and meaning	
ERR	Online units lessen
!	Online units added
!!	Repetitive name for Slave/Master

4.5 Backlight



Press Menu button to enter into main menu and press  enter button to confirm your selection. This mode is to set the status of backlight, you can choose ON/OFF status by Up/Down button. If you choose ON, that means the backlight will keep on all the time; if you choose OFF, that means the backlight will automatically turn off after idle 30 seconds.


4.6 Info

You can check Software version number, Boot version number, as well as Online number by

Info	
1. Software	V1.0
2. Boot	V1.0
3. Online	01

this menu.

4.7 Default

Enter into the Default setting, you can choose Yes/No by Up/Down button. Then you can press  button to confirm your choice.

4.8 Lock

Enter into Lock setting, choosing ON/OFF status by Up/Down button. If you chose ON



status, it will automatically enter into LOCK status after idle 8 seconds . You cannot do any operation to it at this time (except key operation), if you want to make any change, you should input password “111” to unlock it. It also will enter into lock status again after you idle 8 seconds. If you want to turn off the LOCK function, you can choose the OFF status in the Lock Menu.

The lock status of slaves are up to master, when the master lock function is at the status of ON, then all the slave's status are ON, you also need to input the password to unlock it. While the lock status of master is OFF, then you should change the lock status only by Master.

4.9 No key operate

When your key is not available, you can change ON/OFF status of each channel by input



password “888” . Enter into No key operate, and then input “888” by Up/Down



button. After that, you can set ON/OFF status of each channel now.


4.10 Manual Priority

When operating with a key while you press the channel button to change the ON/OFF channel status manually at the same time, the manual operation will take precedence over the key operations.

5 Slave operation

5.1 M/S

The M/S setting of slave is almost the same as the Master's setting. Press  menu button to enter into M/S mode. You can choose setting the current unit as Master/Slave by Up/Down button and press  button to confirm your selection. Please note that only one unit can be set as Master, the other as slaves, and the name of each unit should be

unique, cannot repeat or there will be warning sign showed on LCD display  .

5.2 Backlight

Press  Menu button to enter into Backlight setting. This mode is to set the status of

backlight, you can choose ON/OFF status by Up/Down button. If you choose ON, that means the backlight will keep on all the time; if you choose OFF, that means the backlight will automatically turn off after idle 30 seconds.

5.3 Info

You can check Software version number, Boot version number, as well as Online number by

Info	
1. Software	V1.0
2. Boot	V1.0

this menu.

5.4 Lock

When there is no any online unit set as Master, then the Lock menu will show on Slaves' main menu. The way of setting Lock function on slave is the same as master. About the details of lock operation please refer to Master Lock setting.

6. Update Software

Download updated file to your computer from our website. Then follow the user manual of VD-01 to update the unit via VD-01(not included).

Please see the instruction as below:

- A. Connect the VD-01 to CA-663T and computer, it will show “find device VD-01”
- B. Click the Open window and choose the updated file from your computer.

- C. Then click Fixture Firmware Upgrade window, then the LCD display will show “Upgrade...Please waiting”
- D. After the upgrade finished, the LCD display will show “Firmware upgrade finish”. Then the update is completed now.

EC Declaration of Conformity

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55103-1:199601-2; EN55103-2:1996;
EN61000-3-2:2000+A2:2005;
EN61000-3-3:1995+A1:2001+A2:2005.

&

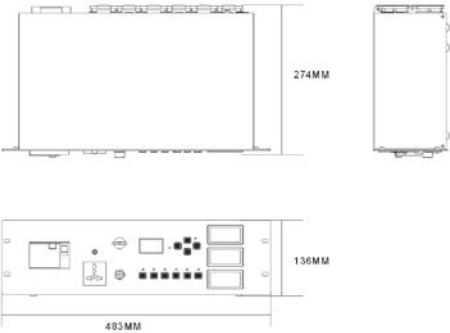
Harmonized Standard

EN 60598-1: 2004
IEC 60598-1:2003+ corrigendum 2004
Part 1:General requirements and test

Following the provisions of the low voltage directive 73/23/EEC and 93/68/EEC

Technique Specification

Power supplyAC 380v~3phase 32A/phase
Signal connector..... 3 pin XLR
Size..... 483X274X136mm
Weight..... 6.7kgs



Innovation, Quality, Performance