

PROFESSIONAL AUDIO-VIDEO EQUIPMENT

QTEX

USER MANUAL

Super Slim LED Screen Integrated Lift

LDA-1910-M
19 inch LCD Monitor

In the use of the system before, please read this manual. And please keep this manual

CATALOGUE

Preface

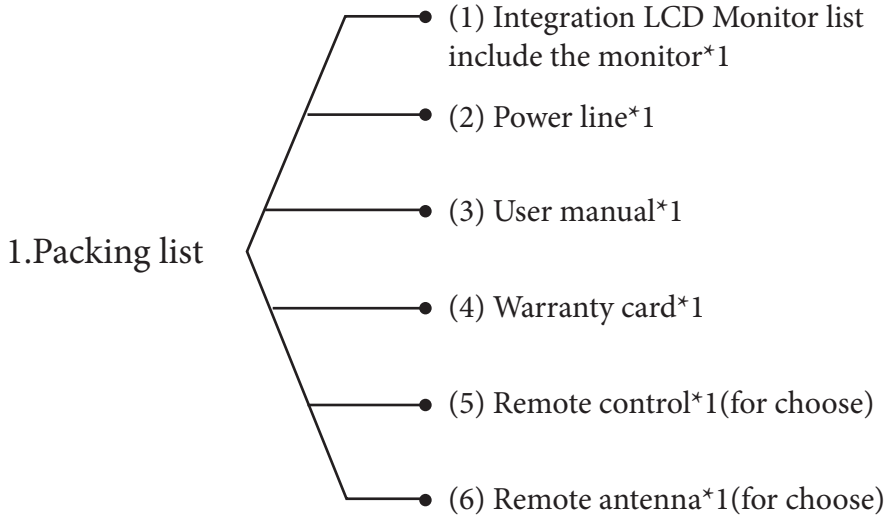
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Preface

Thank you for using our product, please kindly pay attention to below when you use:

1. This product must have the power protection ground, input and output equipment power protection ground for the same protection ground. Ensure equipment input power supply for AC 100 - 240 v / 50 hz.
2. When it is connected with a computer or other equipment at the same time, we must ensure that the computer and other equipment and the product connection power protection ground is the same ground.
3. When use the lift, it is strictly prohibited charged plug input and output signal lines, power lines or other interface circuit.
4. It is strictly prohibited to use this product in excessive heat or cold place to work, should keep working environment well ventilated. It is strictly prohibited to sprinkle chemical items on this product.
5. Our products are strictly prohibited the mechanical and circuit design to change or increase or decrease any parts, or manufacturers to produce any results irresponsible.
6. Strictly forbid open chassis shell, the machine has ac 220 v high pressure, lest produce electric shock risk. In need of repair, factory maintenance payable.

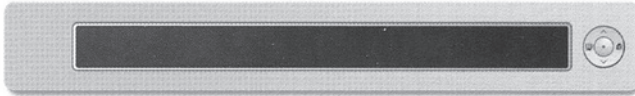
I. List, appearance and installation instructions







Note: if the unpacking found that the lack of accessories, please immediately contact vendors or manufacturer

2. Integration LCD monitor lift's front and side panel

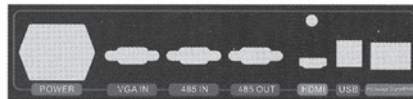
(1) Front Panel




Front panel include:

- Pause button 
- Up button 
- Down button 
- Computer switch button (extended term) 
- Screen shift button(extended term) 

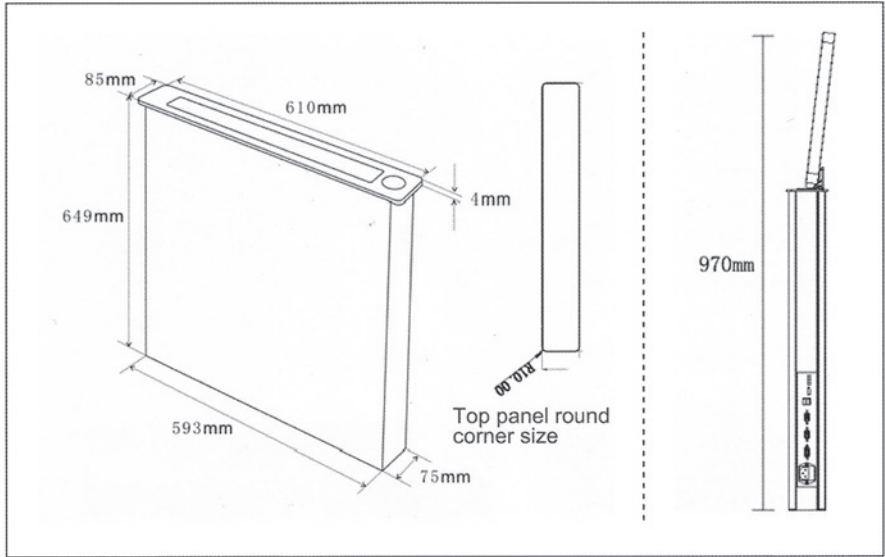
(2) Side Panel



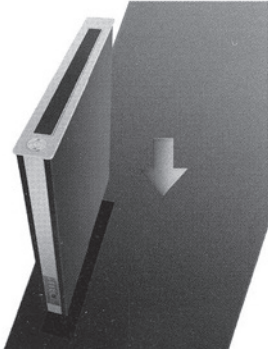
Side panel include:

- Interface*1 
- RS485*2  
- VGA*1 
- USB*2
 1 - U Disk
 2 - Touch Screen 
- HDMI*1 
- Computer power*1 
- Signal Shift*1 

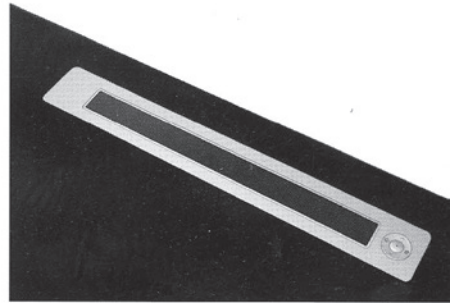
3. Product size chart



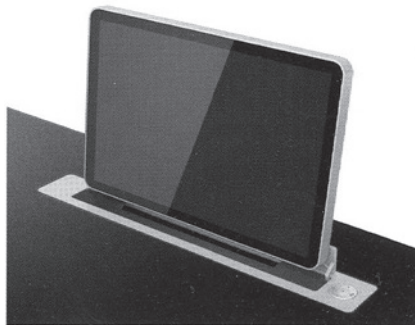
4. Installation instruction



(1) Put the lift into the table

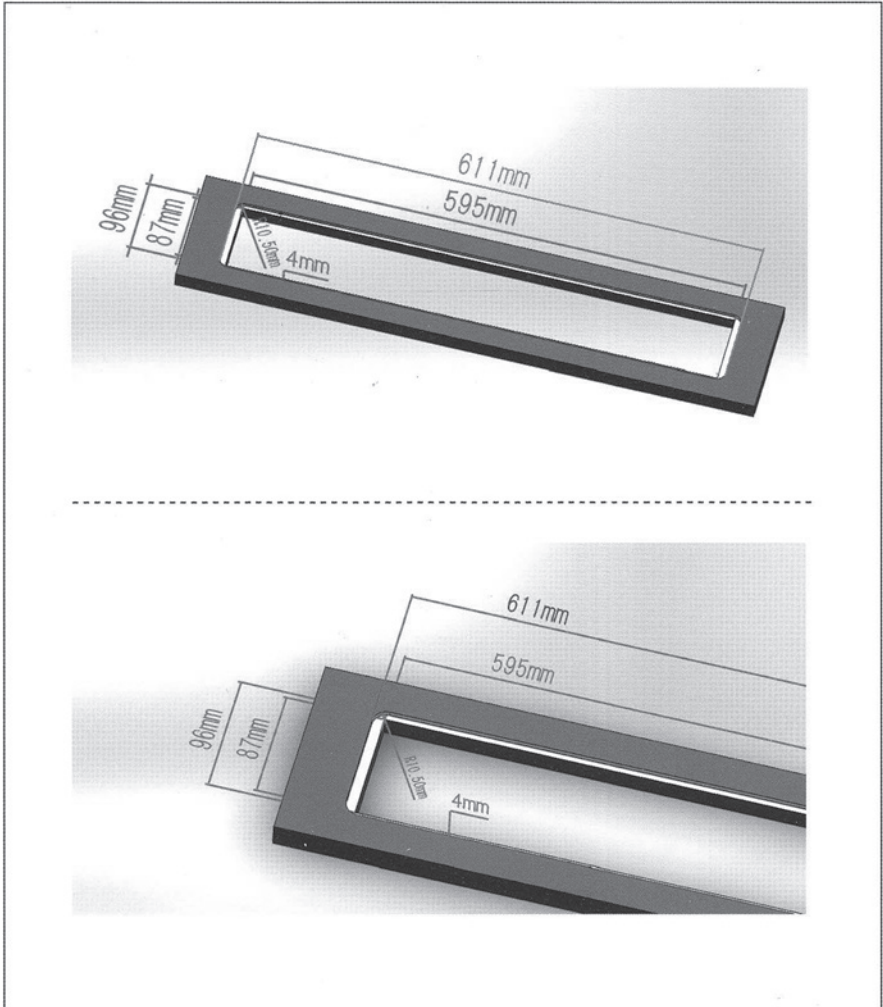


(2) When installation is completed



(3) When the screen is rising from desktop

5. Opening size and table inside size schematic diagram



II. Function and main technical index

1. Function and use

Integration LCD monitor lift multifunction is based on smart control, intelligent terminal applications concept, at the same time choose synchronous belt with original guide design, one key operation, can automation start, LCD screen rising, elevation and so on. At the same time introduced a variety of control compatible technology, which can realize the product single control, remote control, and many sets of products set control, 485 control and so on, to meet customer system development diversification, modernization of the application requirements, can be used in meetings, hotel, teaching and so on, and the screen can replace with iPad products. Product USES the desktop hidden design, can realize products in desktop seamless hide. At the same time, the product closed door adopt automatic clamp hand identification device, can automatically identify obstacles, prevent clamp hand.

2. Main technical index

Integration LCD monitor lift size:






- (1) Motor: 220V 18W
- (2) Power: AC 220V, 50/60Hz
- (3) Power: <30W
- (4) Product size: 649*593*85mm
Panel size: 610*95*4mm
- (5) N.W.(KG): 20KG
- (6) Packing size: 790*730*225mm
- (7) Running time: 20 S
- (8) Working temperature: -20-40°C
- (9) Control way: Manual control,
485 control and remote control

Screen feature:

- (1) Screen size : 19 inch
428.0*278.0*18.5±0.5mm
- (2) Resolution : 1440x900
- (3) Display ratio : 16 : 10
- (4) Screen type : a-Si
- (5) Brightness : 300 nits
- (6) Contrast : 1000 :1
- (7) Responsible time: 1.5/3.5(Tr/Td) ms
- (8) View angle : 85/85/80/80 (up/
down/left/right)
- (9) Scan frequency : 60Hz
- (10) Backlights type : CCFL (11)
- (11) Lights number : 4 pcs
- (12) Menu language : English

III. Super slim LED Screen integrated lift operation

1. Panel Button

Button		Function
up		control the lift to up
down		control the lift to down
pause		control the lift to pause during operating
computer switch button (extended term)		start the computer which is connected to the system
screen shift button (extended term)		control the screen display

2. Main technical index

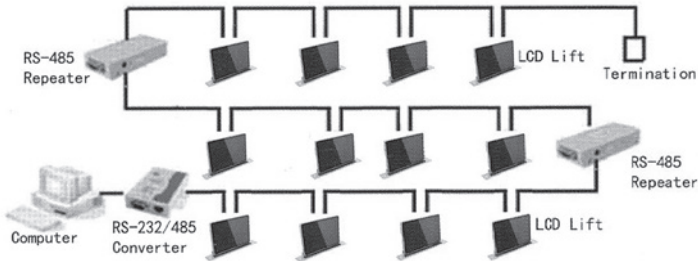
- (1) After getting through the power, please press “up” button, then wait for the screen run up automatically.
- (2) When the screen is up, the screen will be lighted by itself.
- (3) After using, press “down” button, the screen will be running down till hidden into the lift box totally.
- (4) If you need to pause the lift during up or down, please press the centre red-dot button.

IV. RS-485 Control and Remote Control

RS - 485 control is divided in two types: the computer software control, and the central controller control.

1. The computer software control

- (1) Please install the software named Multi-function lifting equipment control center provided by our company
- (2) Please prepare a RS - 232/485 protocol converter
- (3) Choose a RS - 232 interface, and use Windows XP computer installed the software of the system
- (4) Referring to the connection for each equipment:



- (5) Operate in accordance with the software's help file and use

2. The central controller control

According to demand generally has the following two cases:

- (1) Only need to overall control, according to the steps below operation:
 - a: According to the below information and connected to the central control of the port, and put 16 in program code into the control system:

LCD lift uses the RS - 485 protocol communication

Baud rate: 4800

Bata bits: 8

Parity stop : 1

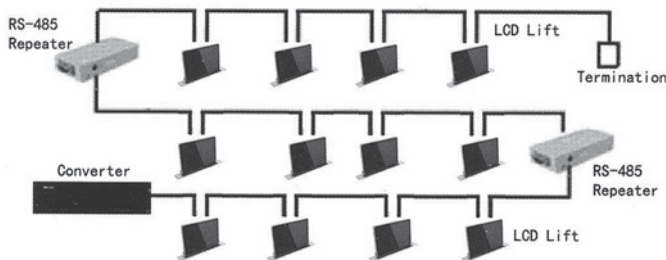
LCD lift serial interface definition: 1 foot for 485 +; 2 feet for 485 -; 5 feet for grounding

When only carries on the overall control, no need to reset single ID number, use the following three groups code to control:

All rise: FF AC E1 FF 00 00 DD 01 DC

Full stop: FF AC E1 FF 00 00 CD 01 CC All drop: FF AC E1 FF 00 00 ED 01 EC

b: According to below, it will drive connected to the central controller of RS - 485 interface:



(2) If you need to single, grouping, the overall control, please operate according to the below steps :

a: To complete the software part control of the whole operation first, you can custom arrange serial number (1-999) for the LCD lift, in accordance with the software help file and provide using method, for grouping LCD lift and ID of the modified operation, modify after one use to control mode, observe whether the lifter is normal action or not, In the bottom right hand corner of the software, pis communicate extraction column corresponding operation control of the code

b: Please make the extraction of all control code written into control program

c: According to the requirements of control, adjust its line of the line after the sequence, then connect the line to the central controller

3. The remote control

Remote control is belong to optional parts, for handling 6 group touch button type remote control transmitter. If you want to use the remote control, you need to code operating before first use, otherwise you can't remote control integrated LCD lift.



Code

(1) Remote control code (Can be divided into groups): carry out after LCD lift will accept learning code used by the remote control

a: Ready to group the remote control, use the left or right button of the remote, select the group number

b: Holding the integrated lifts' stop button, about 5 seconds, then you will find the red indicator light slow flash (1 SEC 1 time)

c: In 10 seconds, please press the up button on the remote control, the red indicator lights will flash drive 3, and then turn into normal state, the code finished

(2) If you only need to overall control without dividing to groups, please according to the below operation steps :

a: Please ready to group the remote control, use the left or right button of the remote, select 1-6 lights shining all the state

b: Holding the integrated lifts' stop button, about 5 seconds, then you will find the red indicator light slow flash (1 SEC 1 time)

c: In 10 seconds, please press the up button on the remote control, the red indicator lights will flash drive 3, and then turn into normal state, the code finished

According to the above methodology code, when use the remote control, you do not need to select the divided group

Delete Code

Remote control Delete Code : If it's done, the LCD lift won't be subject to any remote control

a: Holding the stop button, about 10 seconds, and red lights flashing fast (1 seconds 2 times)

b: In 5 seconds, and then click the stop button, its red indicator lights flash 3 times, then it will turn into normal state, the delete code is done

Up and Down control code

Remote Control (Can be divided into groups): There're 5 press button on the remote control, the above three are up, stop and down, the left two are left and right choosing groups, when use, you need to choose the LCD lift group number first, then control by lift stop button

Remark: RS - 485 control code of the organization and the grouping of the remote control are independent, won't influence each other

V. Note

1. Please make sure the system ground cable should be well protected.
2. Please make sure the system should be well connected to avoid unit damage by connecting fault.
3. Pulling on/off the power cable with the currency is forbidden.
4. Forbidden the unprofessional person to open the unit box which has high pressure.

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