



Instruction Manual

LCD Screen



A. Language selection



To select language press key 27, press key 29 or key 31 to switch pages, then press key 32 to confirm your selection. Available language: English/ Simplified Chinese/ Traditional Chinese/ Spanish/ German/ French

B. Directions for use



a. Instruction of remote control

If the LCD Screen is not used for 10 minutes, it will automatically turn off, Press this key to turn it on again.

Press key 7, then press key 31.


 Will show on the display.

Chart area

Randomt: Choose one of any chart area key, then press key 22, final press key 29 or 31.

Horizontal line masking
 Key25: Color-blind key, Press key 28 (up) or key 30 (down) to switch pages
 key26 (M-II) : Auxiliary picture (ETDRS)

Single letter masking

Vertical line masking

Key27 (M-I) : Menu key.

(Contrast)

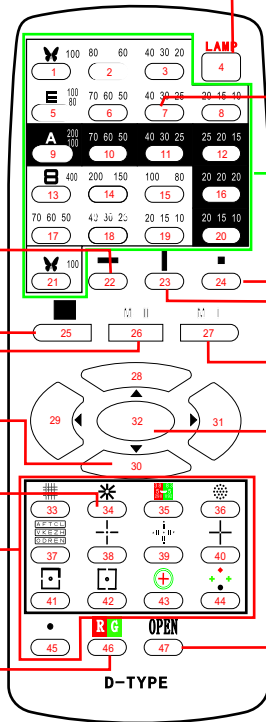
There are four kinds of astigmatism charts, Press this key to change

Function area





Confirm

Chart area R/G switch key



Charts area mask clear



b. Instruction of remote control

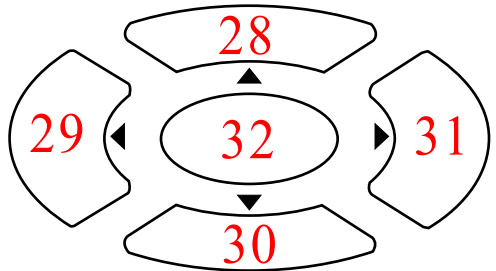
- 1> Color-blind (key25) ,Press key 28(up) or key 30(down)to switch pages.(ISHIHARA)
- 2> Press key  into menu.
- 3> Press key  into auxiliary picture , then press key 28 or key 30 to choose item.
- 4> Press any key between 1 to 21 (except key 4),then press key 46,R&G will appear on the screen.
Clear R&G by press key 47.
- 5> Key 22-24 is for single horizontal line masking , vertical line masking and single letter masking,
Press key 47 to clear.
- 6> There are four pictures by press key 34:①broken line 15° ②real line 15° ③ broken line 10° ④real line 10°
- 7> Press key 7, then press key 31,  will display the screen , Or directly press key 5 ,then continue press key 31,  will also display the screen.
- 8>When in use key between 1 to 21, Press key 30 is contrast test ,Esc by press any key. There is no contrast test when you in use masking single/horizontal/vertical letter.
- 9>When in use horizontal line masking,you can get different charts by press key 29 or key31;
- 10> If not being used the LCD Screen for ten minutes ,it will turn off automatically .

c. Specification

- 1> Working distance can be 2m-6.5m,  : each 0.5m a step,  : each 0.25m a step, the best working distance should be 2.5m-6m.
- 2> It will automatically adjust the size of all charts according to the selection of working distance.
- 3> There is an SD card behind the monitor, it contains the entire software. Please let dealer update for you is necessary, Don't change it by yourself.
- 4> Power switch which at the bottom side of keyboard and the key Lamp(4) on remote control can both control power ON/OFF.
- 5> Independent software system, no copyright issue.
- 6> Pictures are displayed immediately when power is turn on.
- 7> Software and information are retained when power is turn off.
- 8> A few units can be operated at the same time without problem.
- 9> There is a SD card inside, can update software at any time.
- 10> Use remote control.
- 11> Can link with auto phoropter.

d. Specification of screen:

- 1> Panel: 21.5"
- 2> Pixel pitch: 0.24825mm
- 3> Max. brightness: 250cd/m²
- 4> Max. contrast ratio: 1000: 1
- 5> Max. resolution: 1920×1080
- 6> Input signal: RGB
- 7> Sigal joint: 15Pin D Pattern Plug
- 8> Energy consumption: 17W
- 9> Net weight: 3.92KG
- 10> Compatibility: PC/MAC
- 11> Dimension: 150 (D) ×540(W) ×385(H)mm



e. Placement:

- 1>Can be hung on the wall by a bracket.
- 2>Can stand on ground by a support
- 3>Can be set on the table

C. Distance/Chart Type



Press key 27 into screen menu, Then press key 29 or key 31 into distance setting and chart type choose,confirm by press key 32 after finish setting.

- 1> Press key 30 or key 28 to select
- 2> Press key 31 to choose distance.



Each 0.25m per step

Each 0.5m per step

D. Mirror Test



It's better to use mirror test at a small optometry room,It can close to half of the distance .

- 1> on : Press key 29 or key 31 to chose , confirm by press key 32.
Final chose on
- 2> off : Press key 29 or key 31 to chose , confirm by press key 32.
Final chose off

Accessory :

Remote control:

1



Battery:

1



Braket:

1



Power cord:

1



Instruction manual:

1

Expansion screw:

4



4X40 self-tapping screw:

4

