

---

# Hospital Diagnosis Queuing Management System

Hospital Diagnosis Queuing Management System is exclusively applicable in hospital diagnosis queuing, which can effectively improve the service environment and working efficiency. With its calling system, display system, voice system and ticket printing controlled directly by the computer, the hospital diagnosis queuing system can display synchronously the current system work condition. It not only can select the doctor as patient required, but also help to arrange patient reasonably according to current diagnosis conditions, make preferred arrangement for the special patient. It also can revise the ticket as required and re-select the doctor while keeping the original ticket No., maintaining the fairness of queuing and making the patient fully feel the quality service.

The products mainly include: computer software LB-81-11Y, Main Control BoxLB-81-41Y, thermal printer LB-81-92Y, Ticket Station, window display, the main display and sound box, etc.

## 1、Computer software (Model:LB-81-11Y):

### Functions and Features:

- Including the main control software, communication software, statistic software, and soft dog; the calling system, display system, voice system, and ticket printing are directly controlled by the computer.
- Chinese, English, and Cantonese voices are available.
- It synchronously displays the current business state of the system.
- Doctor' s information can be inputted as required at any time.
- It can select the doctor according to patient's request.
- It can make preferred arrangement for the special patients.
- It can arrange patient reasonably according to current conditions.
- It can revise the ticket as required and re-select the doctor while keeping the original ticket No., and ensuring the fairness of queuing.
- All materials can be saved automatically in power failure, so as not to influence the work when the power is resumed.
- With direct thermal line printing, it can print the editable content clearly.
- The system will automatically reset at first powering on each day to re-queue.
- Meanwhile, a great many statistic reports are added for the reference, statistic, analysis, and study of the relevant department...
- The additional clinic register software enables to print the ticket from several interconnected computers.
- According to the situation, the patient could take the ticket to queue, or queue by using the register information of HIS system. It also supports displaying and calling the patient' s name (Additional voice

---

software is required).

- The software is applicable to each consulting room.

## 2、 Main Control Box (Model:LB-81-41Y):

Functions and Features:

- It only can be matched with computer software.
- With an input port, five output ports and RJ45 socket, it can connect with window display, the main display and Ticket Station.
- With speaker output port, it can connect with active or inactive sound box and ceiling speaker.
- With volume button, it can adjust the volume at any time as required.
- With power switch button, it can turn on/off manually the power of the Main Control Box.
- Attached with switch power supply DC24V 6.3A
- Working voltage: AC220V; DC24V.
- Size: 253x74x233mm(LxWxH)



## 3、 Printer (Model:LB-81-92Y):

Functions and Features:

- Applying EPSON printer engine, it can automatically dispense ticket and print clearly the editable content.
- Printing way: direct thermal line printing.
- Receive queuing data through computer mainframe.
- Print 12X24 western letters, 50 lines each time with interim and repeated printing.
- The simultaneous print dot for each dot line should be less than 25% with less than 11 times of vertical repeated printing for the same dot in each letter line.
- Use the specified thermal paper.
- Size: 115x170x120mm(LxWxH)



## 4、 Ticket Station (Model:LB-81-27):

Functions and Features:

- With newly designed and compact size, it contains all functions of the ticket-caller.
- With LCD display; it is beautiful in look and clear in display; and it is easy to operate and capable of showing the patients' number and the numbers of persons ahead.



- Numeric keyboard with soft rubber buttons, which gives persons a comfortable feeling.
- Used combined with the main control box.
- It contains "0 ~ 9" number keys for entering the number of the patients.
- “Next” Button: When the doctor presses this button after finishing a check-up item, the following patient’s No will be shown on the Ticket Station, LCD screen or the dot matrix display correspondingly. The numbers of waiting persons displayed on Ticket Station and software main interface will automatically minus one, and the patient’s No. will be broadcasted.
- “Last” Button: When this button is pressed, the following patient’s No will be shown on the Ticket Station screen, LCD screen, or the dot matrix display. The numbers of waiting persons currently displayed on Ticket Station and software main interface will not change, and the patient’s No. will be broadcasted.
- “Re-call” Button: The button may be pressed by doctor to re-call the patient if the patient does not come to the consulting room.
- This type of Ticket Station can be used together with any other types.
- Dimensions: 120x75x32mm(LxWxH).

#### 5. Consulting Room (Doctor’s room) Dot Matrix Display (Model: LB-81-311H)

##### Functions and Features:

- It composed by five-digit 16X16 dot matrix ( $\Phi$ 5mm), can display words simultaneously.
- Patient No. and the room No. as well as the greeting words can be displayed.
- The beautiful case is shaped by aluminum alloy mould and is finished with TiO<sub>2</sub>.
- The coding of each consulting room can be displayed when power on to check the correctness.
- Dynamic greeting words are displayed when there are no consulting patients.
- When the consulting room is out of service, the dot matrix LCD will display “Service Pause” .
- It should be used together with main control box. It has a RJ45 socket; and only one bus is required to connect with the main control box.
- Dimensions: 700x140x35mm(LxWxH); 478x140x35mm(LxWxH).



#### 6 Main Dot Matrix Display (Patients waiting zone) (Model: LB-81-32H, LB-81-33H, LB-81-34H, LB-81-35H):

##### Functions and Features:

- Each line, composed by ten-digit 16X16 dot matrix ( $\Phi$ 5mm), can simultaneously display ten Chinese characters (Dynamic numerals and Chinese characters).It is usually installed in



---

waiting area.

- The beautiful case is shaped by aluminum alloy mould and is finished with TiO<sub>2</sub>.
- It should be used together with main control box. With a RJ45 socket, only one bus is required to connect with the main control box.
- The current patient number is displayed until the next one is called, and in such case, the main matrix display will show the called number and the assigned room number (flash for 10 seconds).
- LB-81-32H dot matrix display is scrolling 2-line display, which can simultaneously display two patient numbers and the corresponding assigned rooms.

LB-81-33H dot matrix display is scrolling 3-line display, which can simultaneously display three patient numbers and the corresponding assigned rooms.

LB-81-34H dot matrix display is scrolling 4-line display, which can simultaneously display four patient numbers and the corresponding assigned rooms.

LB-81-35H dot matrix display is scrolling 5-line display, which can simultaneously display five patient numbers and the corresponding assigned rooms.

- Greeting words and guides are shown on the main dot matrix display automatically when power on or when there is no calling in three minutes.
- Scrolling 2-line display size: 1048×280×35mm (L×W×H);  
Scrolling 3-line display size: 1048×420×35mm (L×W×H);  
Scrolling 4-line display size: 1048×560×35mm (L×W×H);  
Scrolling 5-line display size: 1048×700×35mm (L×W×H).