U2 Mobile HD Inkjet printer

User Manual

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Contents

Notes and Warning

☞ **NOTE**: Important information that helps you make better use of U2 mobile printer.

⚠ **WARNING**: Indicating either potential damage to hardware or loss of data and telling you how to avoid the problem.

SAFTY INSTRUCTIONS

⚠ **Please follow the installation instructions in order for your safety.**

1. Please avoid collisions to the PrintHead and Encoder.
2. When you extract the ink cartridge from the holder, press it and take it out from a 15 degrees angle. Please note that any reluctant operation or removal by force will damage the PrintHead.
3. Uses the original chargers supplied by ANSER, and ensure the ambient temperature range 0º C~45º C during charging.
4. Please DO NOT disassemble the battery or modify the battery.
5. Please DO NOT short-circuits the battery by reversing terminals connection.
6. Please DO NOT incinerate nor dispose the battery in fire or heat it.

☞ ANSER takes NO responsibility for any misconduct that those were described above.
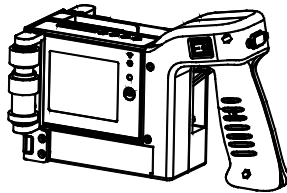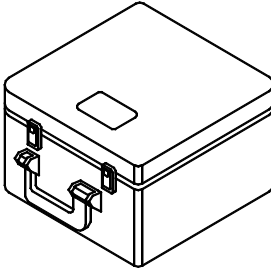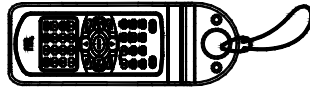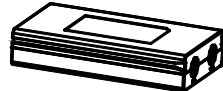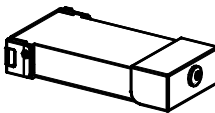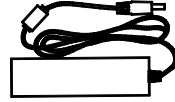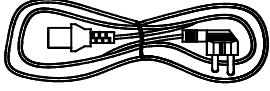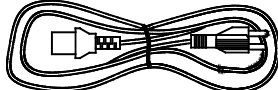
IMPORTANT NOTICE

1. The remote controller will be turned off automatically within three minutes if it is not being operated.
2. If the working environment is dusty, it is highly recommended for users to spray air compressor to the interior of controller regularly every month to prevent circuit problems that may result due to accumulation of dusts.
3. When the printing result appears to have ink trailing, please apply the wet wipe to clean the nozzle surface.
4. If the printing position is incorrect, please press [Tab⊢A] to reset to the best printing position.
5. Under a highly dusted production environment, please clean the dust by using air gun after work every day.
6. Please contact your local distributor if the printer malfunctions and the problems cannot be solved personally.

☞ **The precautions listed above are imperative to be noted in advance proceeding installation.**

Packing List

U2 Mobile Carrying Case

U2 Mobile Charging Dock

U2 Mobile Batteries(A) x 2

U2 Mobile Charger

U2 Mobile Power Cord(US)

SD Card

U2 Mobile Printer Module

U2 Mobile Remote Keypad Set

SD Card Reader

Key for Carrying Case
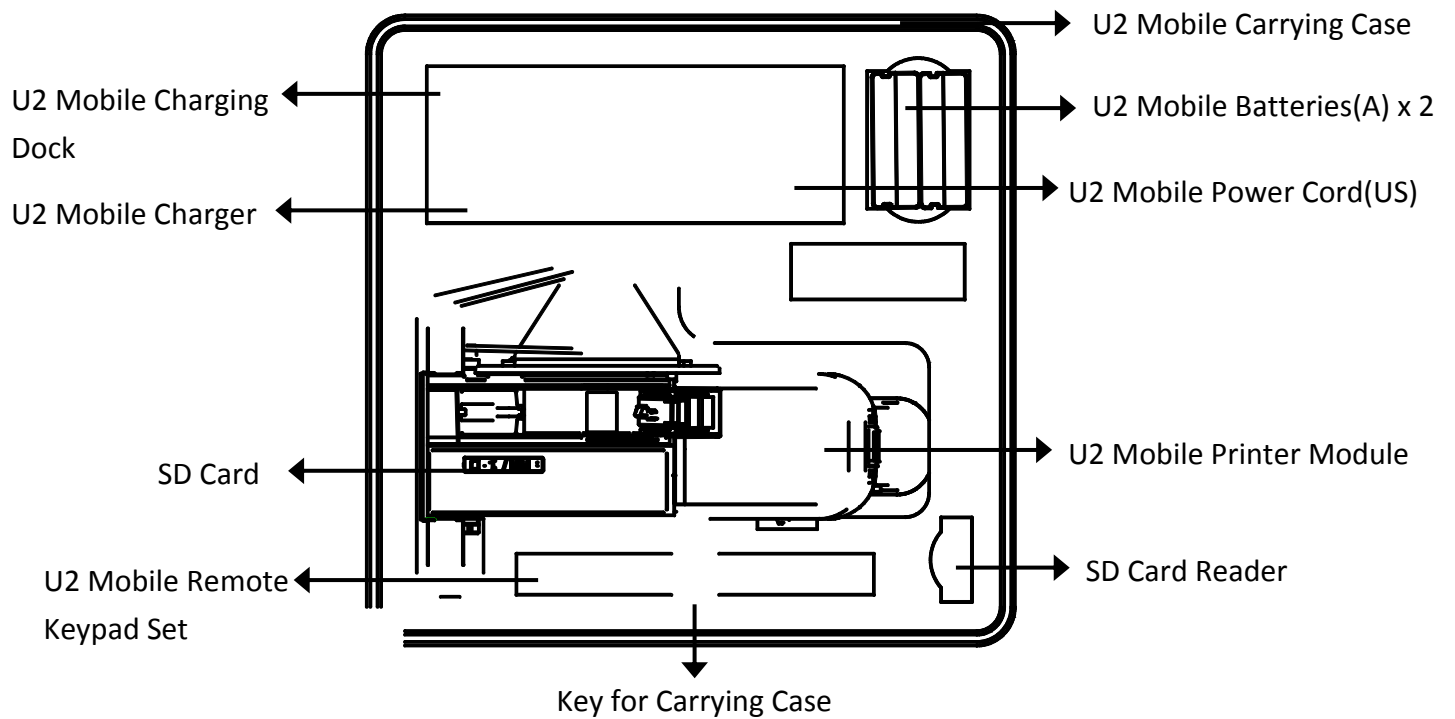
1、U2 Mobile Printer Module 　　P/N：7004005018	1 SET	
2、U2 Mobile Carrying Case 　　P/N：7004006061	1 PC	
3、U2 Mobile Remote Keypad Set 　　P/N：7003002115	1SET	
4、U2 Mobile Battery (A) 　　P/N：7004008026	2 PCS	
5、U2 Mobile Charging Dock 　　P/N：7004003015	1 PC	
6、U2 Mobile Charger 　　P/N：7003004015	1 PC	
7、U2 Mobile Power Cord (US) 　　P/N：PEN024 ———— OR ———— 7、U2 Mobile Power Cord (EU) 　　P/N: TEN-018	1 PC	
8、SD Card 　　P/N：8302070117	1 PC	SD
9、SD Card Reader 　　P/N：8302070076	1 PC	

U2 mobile printer Introductions

2.8" LCD Screen with LED Backlight

Power switch

IR Receiver

IR Input

IR Remote On-off
(Press the button to
turn ON/OFF.)

Extention port

Running light

Printing light

Ink low light

Red light when "INK Enpty",
"No Cartridge" or" Cartridge
Error"

Charging jack

Print button

SD Card slot

PrintHead

Encoder set

Battery tray

IR-Remote Keypad

Print On: Start Printing

Print Off: Stop Printing

Fast Move Keys:
◄ /► , ◄◄ /►► : Adjust the cursor

Input variable objects in a message:
F1. Select fonts
F2. Select time and date format
F3. Select expiration date format
F4. Input the Counter Code
F5. Input the Shift Code
F6. Input Logo
F7. Input the Barcode
F8. Input the String

Basic operation and most frequent used keys:

- **FUNCTION**: Managing various settings.
- **TOOLS**: Managing various handy options.
- **ENTER**: To confirm, modify or advance to next screen.
- **ESC**: Back to previous screen or quit action.
- ▲ /▼ /◄ /► Navigation and selection Keys

Enter alphabets and numbers:

- **0~9:**Input alphabetic letters or numeric number.
- **▪ (Symbols):**Input symbols.
- **←(BS):**Delete the preceding character and shift back the cursor one position.
- **×(Delete):**Discard the character ahead of cursor's position.
- **ABC…:**Switch between capital and numeric number.
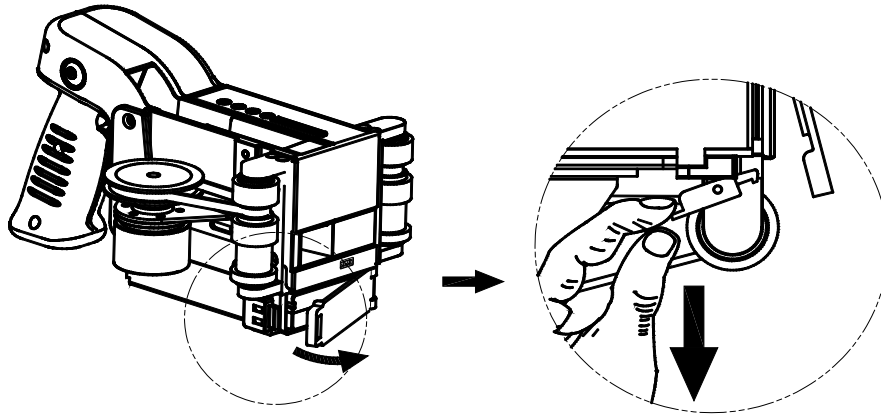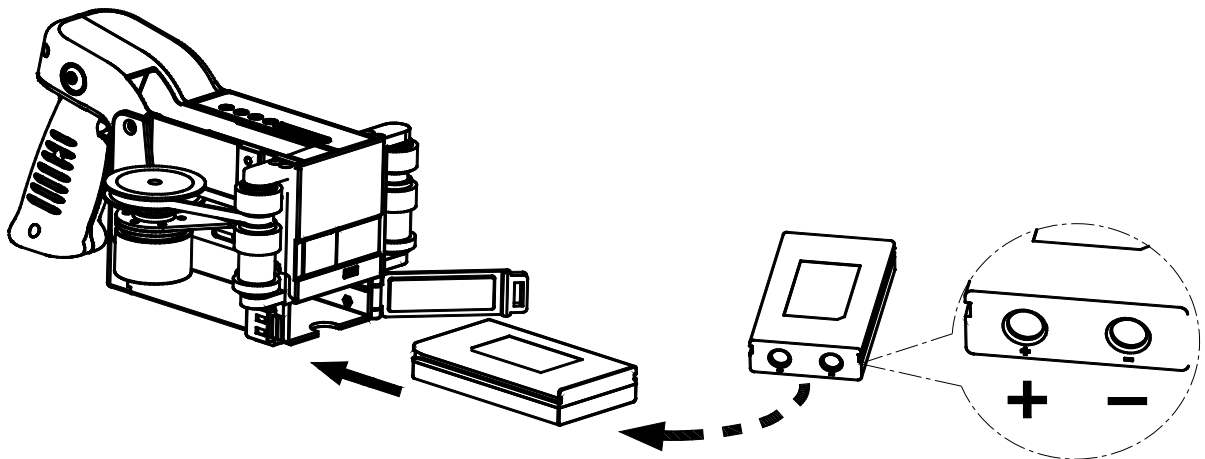
Basic Operation
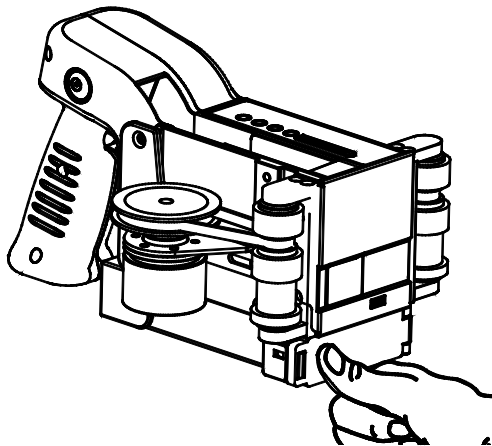
Battery Installation

1. Pull the latch-lock of the printer to open the battery latch.

2. Insert a U2 Mobile battery into the battery tray with the side of battery poles.
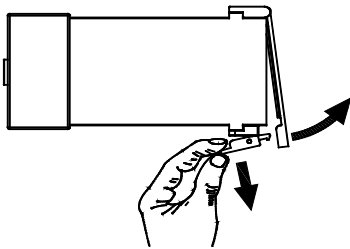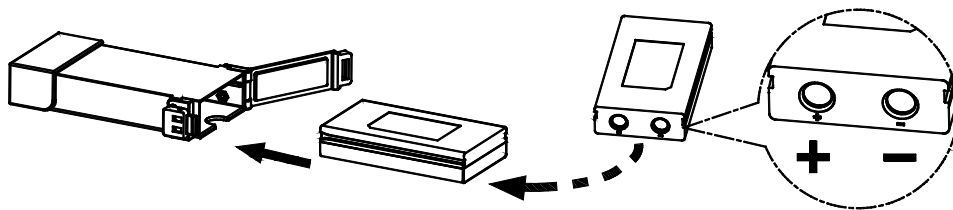
3. Push the battery latch to close.

Charging the U2 mobile printer
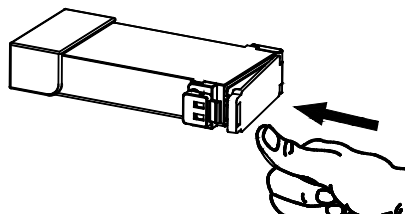
Indirect Charging

1. Pull the latch-lock to open the Charging Dock.

2. Insert a U2 Mobile battery into the Charging Dock with the side of battery terminals.
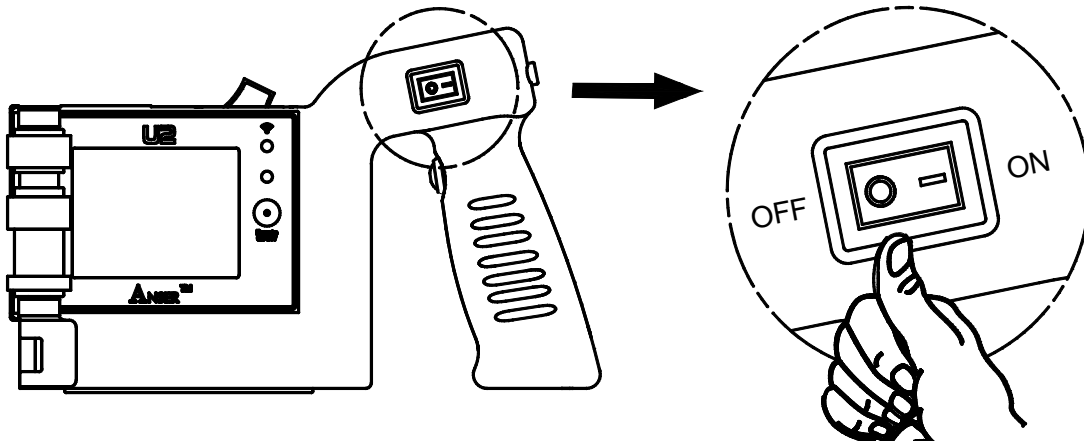
3. Push the latch to close.

4. Connect the charging dock to the Mobile Charger (AC100~240), and plug the power cord into wall outlet. The Charging indicator lights on Red while charging, and turns to green when charging complete.

Charging Indicator
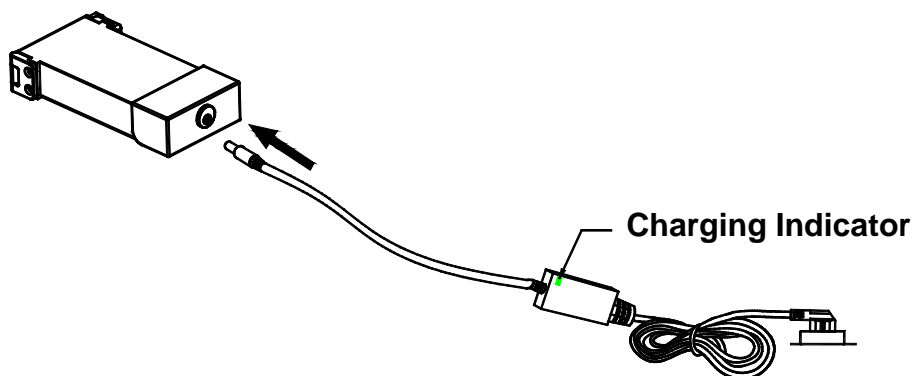
Direct Charging

1. Turn off the U2 Mobile switch.

2. Connect the Mobile Charger directly to the charging jack (AC100~240), and plug the power cord into wall outlet. The Charging indicator lights on Red while charging, and turns to green when charging complete.
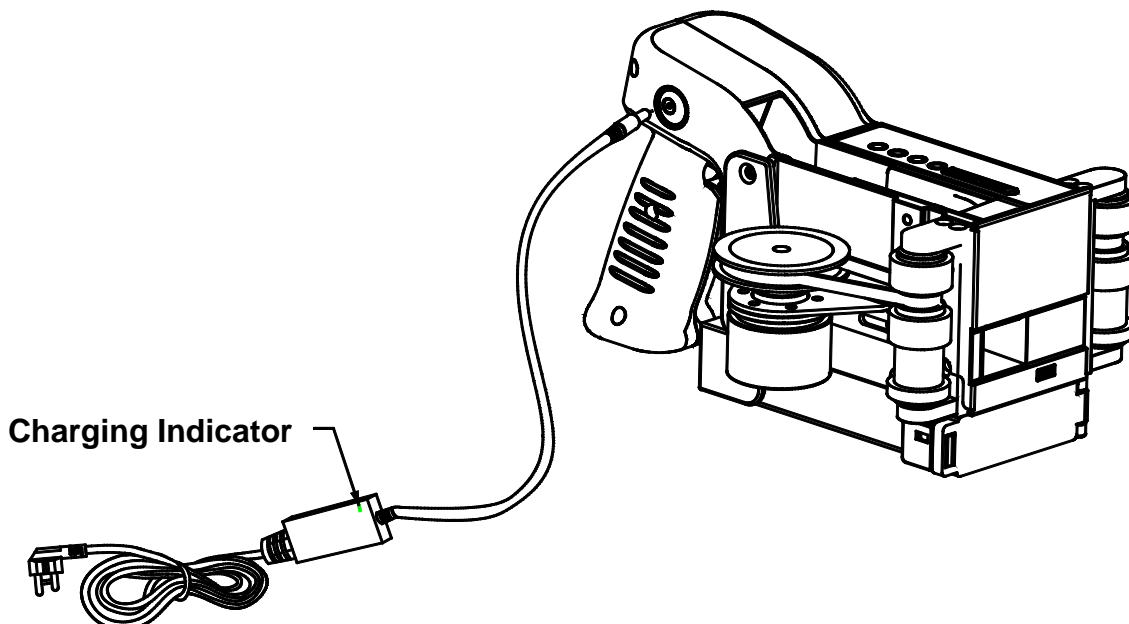
Charging Indicator

42cc Cartridge Installation

1. Pull down the cartridge latch and remove packing foam from cartridge tray.

Packing Foam
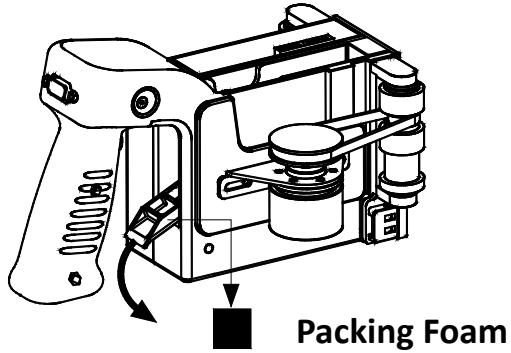
2. Insert a ink cartridge with approximately 15°.
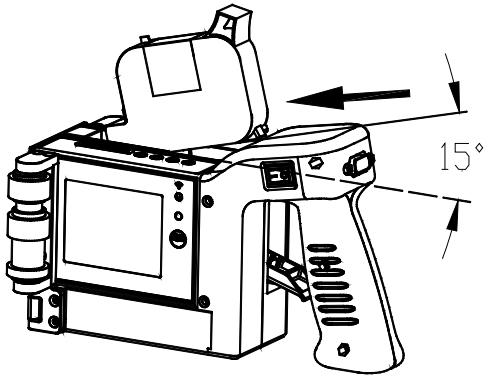
3. Push the cartridge latch back in order to secure ink cartridge.
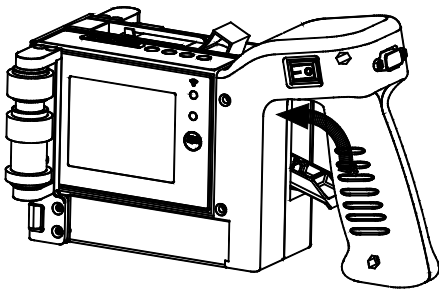
4. Installation complete!

Printing

Press this button once for printing

* Gently against both sides of wheels to the printing surface, apply the print button and move the Mobile printer smoothly from left to right.

Function

Menu Tree

4.2 MANUAL TREE
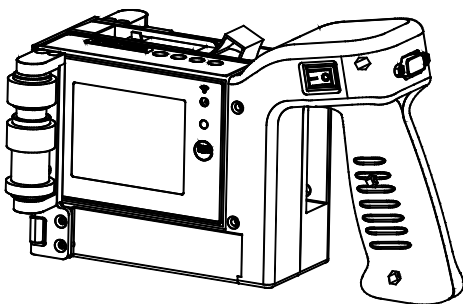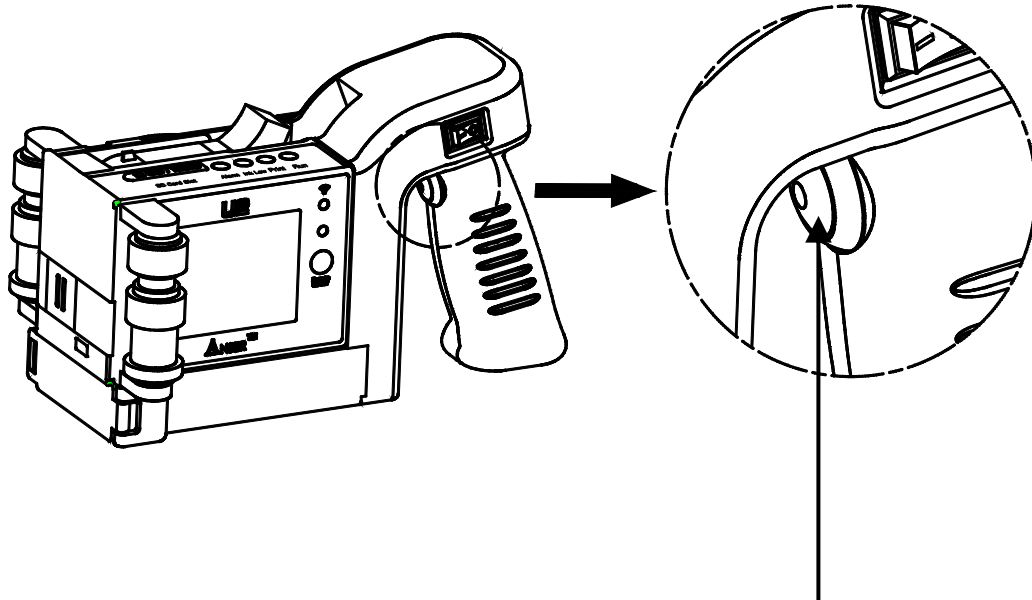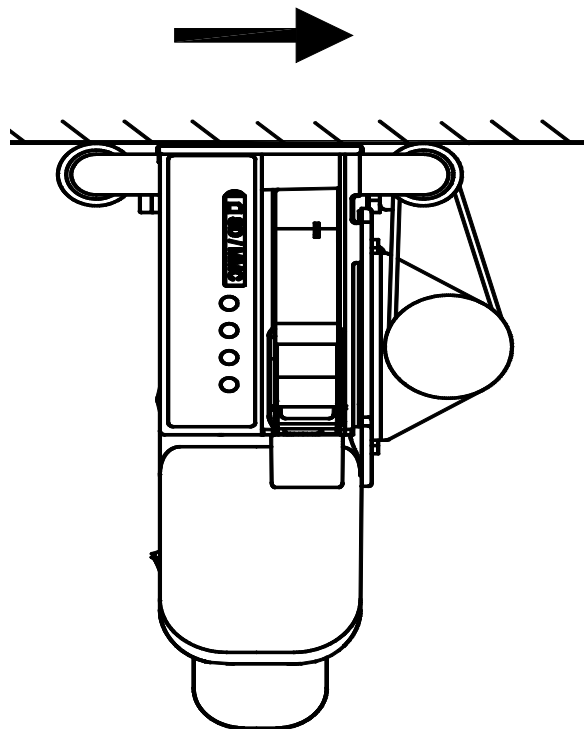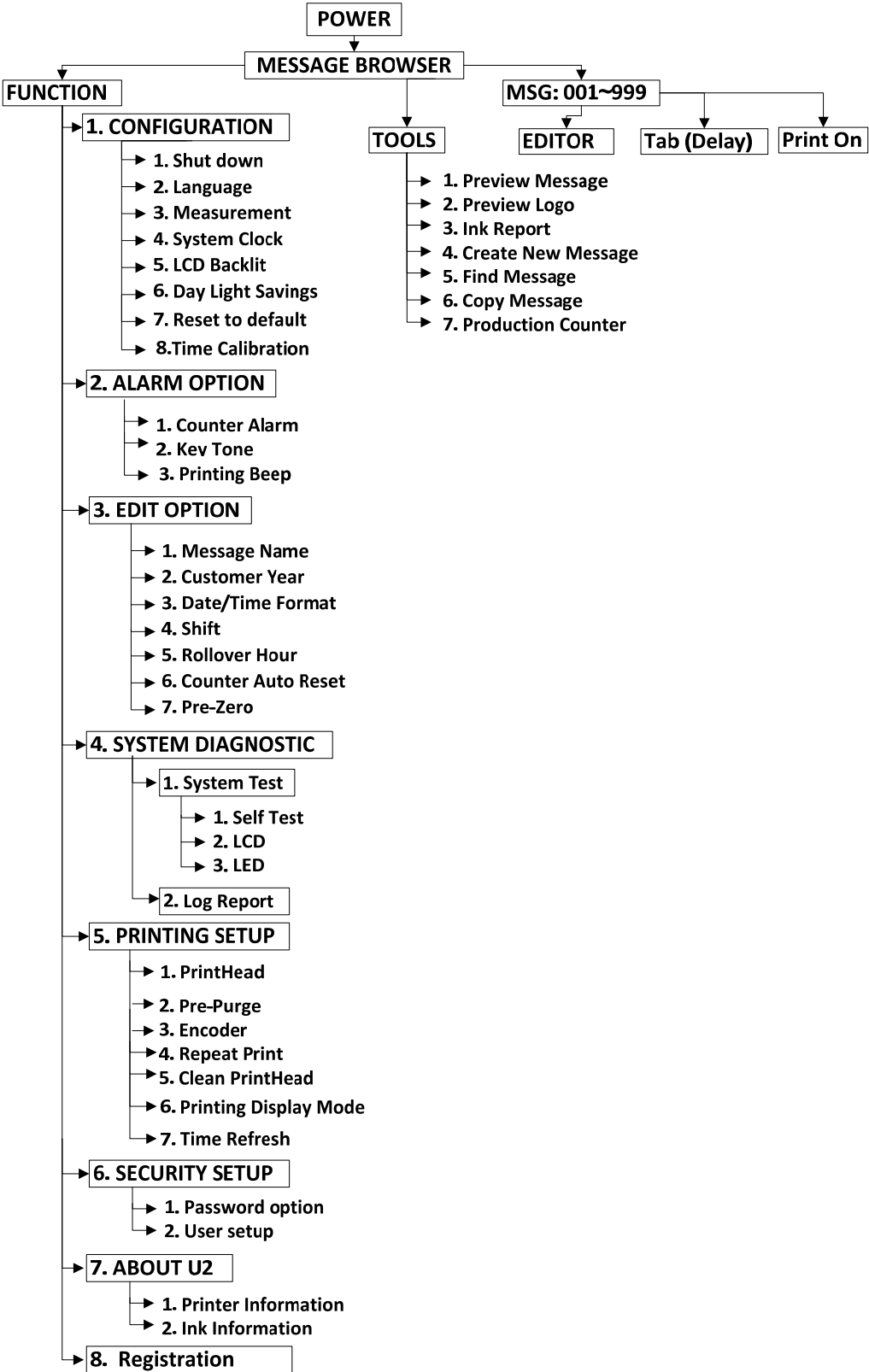
| POWER |
| MESSAGE BROWSER |

FUNCTION

1. CONFIGURATION
- 1. Shut down
- 2. Language
- 3. Measurement
- 4. System Clock
- 5. LCD Backlit
- 6. Day Light Savings
- 7. Reset to default
- 8. Time Calibration

2. ALARM OPTION
- 1. Counter Alarm
- 2. Key Tone
- 3. Printing Beep

3. EDIT OPTION
- 1. Message Name
- 2. Customer Year
- 3. Date/Time Format
- 4. Shift
- 5. Rollover Hour
- 6. Counter Auto Reset
- 7. Pre-Zero

4. SYSTEM DIAGNOSTIC
- **1. System Test**
  - 1. Self Test
  - 2. LCD
  - 3. LED
- **2. Log Report**

5. PRINTING SETUP
- 1. PrintHead
- 2. Pre-Purge
- 3. Encoder
- 4. Repeat Print
- 5. Clean PrintHead
- 6. Printing Display Mode
- 7. Time Refresh

6. SECURITY SETUP
- 1. Password option
- 2. User setup

7. ABOUT U2
- 1. Printer Information
- 2. Ink Information

8. Registration

MSG: 001~999

TOOLS
- 1. Preview Message
- 2. Preview Logo
- 3. Ink Report
- 4. Create New Message
- 5. Find Message
- 6. Copy Message
- 7. Production Counter

EDITOR

Tab (Delay)

Print On

Message Browser

Use arrow key to select messages (No.001~999), press ⬭ ENTER to edit message.

☞ You can only edit one message (No.001) without SD card.

Message Content

Message Number

Message with contents.
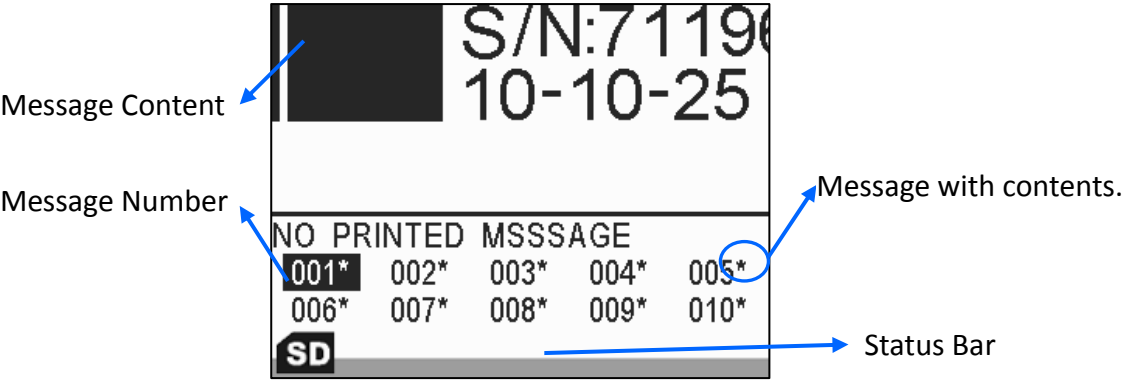
Status Bar

Icons on Status Bar

Icons	Descriptions
	No Cartridge
	Ink Empty
	Ink Low
	No SD Card
	SD Card OK
	Warning
	Switch between capital, small letter and numeric number.

SD card

SD card is the ultimate source of data transfer between PC (**MessagePRO**) and U2 mobile printer.

- **CARD LOST:** You can purchase any standard 2GB SD card as replacement. As blank SD card, please insert the cards into U2 mobile printer for activation, and the card will be auto-activated by obtaining the same serial number from the printer.

☞ The **MessagePRO** can only function properly when the card is activated.

- **SWITCH PRINTER:** To use your SD card for a different U2 printer without losing previous saved messages or data, insert the card into the new U2 printer, the pop-up message will be shown, and press the "**YES**" button to make the SD card compatible with the new U2.

☞ The U2 printer should always use matching SD card model; when a different model SD card is inserted into U2, the screen will display "SD MODEL MISMATCH".

For example: The standard SD cards for the U2 printers are not compatible with the HD U2 printer.

☞ The U2 printer has the ability to store previous working messages. However, without an activated SD card, only the first message may be edited and saved. After the SD card is inserted, the working message #001 will be substituted to the default test message.

Configuration

Under the Message Browser, press **FUNCTION** > **CONFIGURATION**.

Shut down

Press `Function` `1` `1` to shut down the U2 system.

Language

1. Press `Function` `1` `2` to choose a system language.

2. Press `▲` `▼` to select different languages.

☞ We offer different languages (English, Chinese, Japanese, German, Italian, French, Spanish and Korean). Please contact your distributor for details!

Measurement

1. Press `Function` `1` `3` to choose the unit measurement.

2. Press `NO◄` `►YES` to select **BRITISH<INCH>** or **METRIC<MM>**.

System Clock

Press `Function` `1` `4` to set system clock.

LCD Backlit

Reduce the power consumption by enhancing the backlight brightness to black level.

☞ Enable both LCD Backlit and password, while the backlit reaches the set-timing and turns into back screen, the system also log off simultaneously.

1. Press `Function` `1` `5` to set LCD backlit.

2. Press `NO◄` `►YES` to select **ON**.

3. Input the delay time, the range is from 1~60 minutes.

☞ The LCD screen will always be on when status is set to **DISABLE**; the remote control will

always be active and the LED for the remote control should always be on.

Daylight Saving Time

Daylight saving time (DST), and "Summer Time" in much of Europe, is the practice of moving local time forward one hour in the spring and backwards in the autumn.

1. Press ⬡Function 　1　 　6　.

2. Press 🔘NO◀ ▶YES🔘 to select **ON**.

3. Press 🔘NO◀ ▶YES🔘 to select the area; **AMERICA** or **EUROPE**.

Reset to Default

⚠ **Reset system to default causes your previous setting lost.**

1. Press ⬡Function 　1　 　7　 to reset the system.
2. Input a fix numbers "123456" to proceed.

☞ **System Default Setting:**

Measurement	British(Inch)
LCD Backlit	OFF
Day Light Saving	OFF
Time Calibration	Direction: positive
	Power On: 20 Sec
	Power Off: 20 Sec
Count Alarm	OFF
Key Tone	ON
Message Name	OFF
Customer Year	OFF
Date/Time Format	Default Format: Total 19
Shift	Shift name: A, Starting time: 08:00
Rollover Hour	OFF
Counter Auto Reset	OFF
Pre-zero	Time : 20:01:01
	Date : 2010:10:12
	Counter : 0001
PrintHead	Direction ->|ABC
	Nozzle: LEFT

Pre-purge	OFF
Encoder	400 DPI
Time Refresh	ON Time Interval: 1 Min
Darkness Level	50% Darkness Rate in Horizontal: OFF 50% Darkness Rate in Vertical: OFF
Print Delay	4mm
Password Option	OFF

Time Calibration

⚠ This function allows user to calibrate the system time on their U2 printer.

☞ **DIRECTION**: Users are able to select the directions **POSITIVE/NEGATIVE.** If the system time is slower than the local time please select **POSITIVE**.

If the system time is faster than the local time please select **NEGATIVE**.

☞ **SYSTEM TIME OFFSET**: Obtain the system time offset values for both power on and power off, then input the values into each fields (the testing process to obtain the offset values should last 24 hours).

1. Press 〔Function〕 〔1〕 〔8〕 to access to the time calibration option.

2. Press 〔NO ◄〕 〔► YES〕 to switch between **POSITIVE** and **NEGATIVE** for direction, then press 〔▲〕

〔▼〕 move the highlight to **POWER ON** or **POWER OFF** column.

3. Input the obtained time offset values in the corresponding fields.

Alarm Option

Under the Message Browser, press **FUNCTION** > **ALARM OPTION**.

Counter-Alarm

Allow the printer making alarm sound when the pre-setup counter value has been reached.

1. Press `Function` `2` `2`.

2. Press `NO ◄` `► + YES` to **ON**.

☞ When **COUNTER ALARM** is **ON**, you are able to turn the **ALARM** ON/OFF in every single

Counter with in a message.

Key Tone

1. Press `Function` `2` `3`.

2. Press `NO ◄` `► + YES` to select **ON**.

One beep sound: appropriate input key.

Two beep sound: inappropriate input key

Printing Beep

1. Press `Function` `2` `3`.

2. Press `NO ◄` `► + YES` **to select ON.**

☞ When **Printing beep** is **ON,** you will be able to hear one beep sound every time you print.

Editing Option

Under the Message Browser, press **FUNCTION** > **EDITING OPTION**.

Message Name

Allow you to name/rename any message as your desire.

1. Press Function 3 1 .

2. Press NO◄ ►YES to select **ON**.

Customer Year

Allow you to print customized year despite of the system year.

1. Press Function 3 2 to setup.

2. Press NO◄ ►YES to select **ON**.

3. Input the year you desire.

Date/Time Format

Allow you to customized time notation.

- To create new format:

1. Press Function 3 3 to setup.

2. Pick **EMPTY** and press ENTER .

3. Insert conjunction symbol such as (**/, -**), press · **SYMBOLS**.

4. Choose **SYMBOL** or **EURO CHAR**.

5. Pick the symbol you desired with numeric number key.

☞ If the system font does not support European Accented Characters, the printer will not display the option for you to choose, but display the symbols only.

Shift

Allow user to record the shift rotation.

1. Press Function 3 4 to setup.

2. Highlight to any item then enter shift name and time.

3. Press ENTER to go to the next row and add more shifts.


```
      3.4 SHIFT
      NAME    TIME
1.    A       08 : 00
2.    B       12 : 00
3.    C       14 : 00
4.    ---     -- : --
5.    ---     -- : --

SD                   ABC
```

SHIFT **A** starts work at 08:00
SHIFT **B** starts work at 12:00
SHIFT **C** starts work at 14:00

☞ Shift name only allows three letters.
☞ 24-hour clock is a convention of time keeping for starting time.

Rollover Hour

Allow you to print different date base on your production shift schedule.

☞ At 24 hour time convention, input time in the morning or afternoon reflects different printing date as following:

For example: System Date: 2010/09/21.

① If you input time in the morning, the print date is changed to 2010/09/20. When it reached time you set, print date will be changed to the next day;

② If you input time in the afternoon, the print date is 2010/09/21. When it reached time you set, print date will be changed to the next day.

1. Press Function 3 5 to setup.

2. Press NO◄ ►+YES to select **ON**.

3. Input the roll-over time you desired.

Counter Reset

To reset the counter before printing the message.

1. Press Function 3 6 .

2. Press NO◄ ►+YES to select **ON**.

Pre-Zero

Displays a digit or nothing! If the expression has a digit in the position where the # appears in the format string, display it; otherwise, display space in that position. This symbol works like the 0 digit placeholder, except that leading and trailing zeros aren't displayed if the number has the same or fewer digits than there are # characters on either side of the decimal separator in the format expression.

1. Press Function ⬛3 ⬛7 to setup.

2. Select the pre-zero content and press ◄NO ►YES for different format.

System Diagnostic

Under the Message Browser, press **FUNCTION** > **SYSTEM DIAGNOSTIC**.

System Tests

Press `Function` `4` `1` to enter System Tests.

- **SELF TEST**: Check the U2 system controller for any abnormal status or alarm information, such as Ink low, Ink empty, No cartridge or Ink error.
- **LCD TEST**: Check if the LCD Screen is damaged.
- **LED TEST**: Check if LED indicators are running normally.

Log Report

Press `Function` `4` `2` to view system log report of users' operation activities.

Printing Setup

Under the Message Browser, press **FUNCTION** > **PRINTING SETUP**.

PrintHead

Press Function 5 1 to setup.

Move to the row you need and press ◄ ► to adjust the option.

- Channel: Switch **SINGLE** or **DUAL**.

   Dual Channels: Double the vertical resolution to 600dpi to optimize the printing darkness.

- Direction: Switch the direction of printing.

   −)ABC: Print from "A" to "C".

   ABC(−: Print from "C" to "A".

   −)ABC: Print from "C" to "A" and rotate 180°.

   ABC(−: Print from "A" to "C" and rotate 180°.

- Nozzle: Switch left (Default) or right.

☞ As U2 default resolution: 300x400, the first number represents vertical dpi, which will auto adjust to 600 when Dual Channel is ON. The second number represents horizontal resolution, and it can be adjusted manually.

Pre-purge

Enable Pre-purge function, the Printer will output ink dots periodically, preventing the ink solidified on the nozzle in a dry environment or long printing gap time.

☞ Pre-Purge is an important attribution to the print quality, especially with different semi-porous and none-porous ink, it is critical to adjust calibration for different environments due to the unique ink character and decap time.

1. Press Function 5 2 to setup.

2. Press ◄ ► to select **ON** or **OFF**.

3. Input the value of calibration (Calibrated range from **1** to **5**).

☞ Calibrate 1 corresponding to the wettest environment, where minimum pre-purge output might apply. Calibrate 5 corresponds to the driest environment, where maximum pre-purge output might apply.

Encoder

1. Press [Function] [5] [3] to setup.

2. Input **DIAMETER** of encoder and U2 calculates the DPI automatically.

☞ ANSER offers optional 400DPI encoder with 1.98" wheel diameter.

Clean PrintHead

1. Press [Function] [5] [7] to setup.

☞ When enable this function you are able to print black square for the purpose of cleaning the PrintHead under dual channel mode.

Printing Display Mode

1. Press [Function] [5] [8] to setup.

2. Press [NO ◄] [► YES] to select printing **PREVIEW/REPORT.**

```
████ S/N:7119(
████ 11-06-09
┌─────────────────────┐
│ PRINTING IN PROGRESS... │
└─────────────────────┘
PRINT MSG.:001
[001*] 002* 003* 004* 005*
006* 007* 008* 009* 010*
⊙ ⊚ SD
```

```
REAL-TIME PRINTING REPORT
   MESSAGE # : [001]
 PROD. COUNT : 1
       COUNT : 1
  DATE/TIME1 : 11-06-09
  DATE/TIME2 : 09:23:51

⊙ ⊚ SD
```
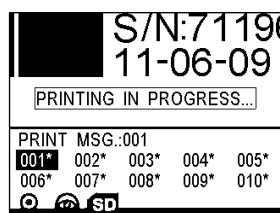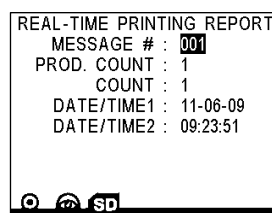
| Preview | Report |

Time Refresh

1. Press [Function] [5] [7] to setup.

2. Press [NO ◄] [► YES] to select **ON/OFF**

☞For the range "1~9" it will allow you to define the time refresh interval,
For example, if enter value "1" it means after "1" minute without printing, then the "hh:mm:ss" time will refresh to system time automatically.

Security Setup

Under the Message Browser, press **FUNCTION** > **SECURITY SETUP**.

Password Option

1. Press Function 6 1.

2. Press ◄ ► to select **ON** or **OFF**.

☞ When PASSWORD is **ON**, the **LOG-OUT** and **USER SETUP** instantly become available. The next time you turn on the U2, you must input a user name and password to logon!

User Setup

Enable password allows you to manage different user account!

The system grants 3 different levels of user:

ADMIN----Manager: Unlimited access to all level operations with initial password "1234".

USER0----Editor: Limited access with **TOOLS** & **EDITOR** functions.

USER1----Operator: Limited access with preview & download print message only.

- **Add New User**

1. Under the USERS PASSWORD, press ENTER .

2. Select **ADD**, and then press ENTER .

3. Input the user name, and then move to the next row.

4. Press ◄ ► to assign a level of access to the new user, and move to the next row.

5. Enter the password, and re-enter the password on the next row.

- **Delete User**

☞ System default users cannot be deleted!

Under the USERS PASSWORD, select a user you want to delete (other than system default user), and then press ˣ **DELETE**.

- **Modify User**

You can only modify the password for system default users!

1. Under the **USERS SETUP**, select a user you want to modify, then press ENTER .

2. Select **MODIFY**, then press ENTER .

3. Select the content you desire to modify (User name, Level, Password and Re-enter).

About U2

Under the Message Browser, press **FUNCTION** > **ABOUT U2**.

Printer Information

1. Press `Function` `7` `1` to view the related information about the Printer.

2. Press `▲` `▼` , you can read more information about U2.

Ink Information

Press `Function` `7` `2` to view the ink information.

Editing Message

Under the Message Browser, use arrow key to select messages, press [ENTER] to enter the Editing Mode.

☞ Under the Editing Mode, you can input text and variable objects contain Time, Expire, Counter, Shift, Logo, Barcode, Strings.

Current page #

Message Number

Cursor locating row

Cursor locating space
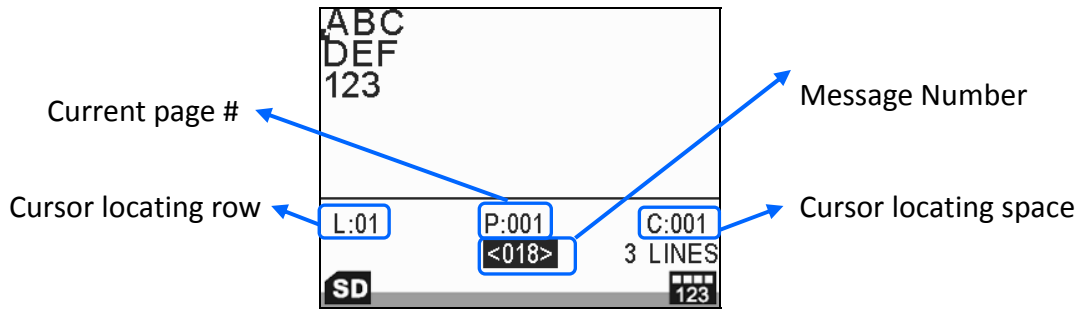
☞ Quick Basic Operation:

1. Use arrow keys to move the cursor to any position you desire.

2. Under Editing Mode, press ◄ / ► , ◄◄ / ►► to adjust the cursor to the objects.

- ◄ / ► Fast: Select the previous or next object.
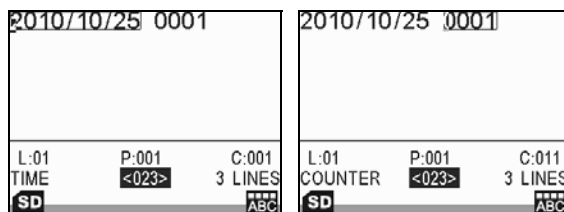
- ◄◄ Home: Select the first object of a message.

- ►► End: Select the final object of a message.

- [ENTER] : Advance to next step/screen or confirm the selection.

- [ESC] : Back to previous step/screen or abort current action.

TEXT

☞ Non-Roman characters are not available to the system, please refer to our PC editing software – **MessagePRO**, which allows you to input all different text messages, save to SD card and then input to U2 mobile printer.

1. Under Editing Mode, press F1 to choose 1, 2, 3 or 4 lines.

ABC	ABC 123	ABC DEF 123	ABC DEF 123 456
L:01 P:001 C:003 <019> 1 LINE SD ABC	L:02 P:001 C:004 <020> 2 LINES SD 123	L:03 P:001 C:004 <021> 3 LINES SD 123	L:04 P:001 C:004 <022> 4 LINES SD 123

☞ Multi-lines does not supported an object contains barcode. Other than barcode, objects are restricted to the designated line, unable to cross different lines. In order to generate a message with various objects combined in any form, please go for Line-free mode, which is only available in **MessagePRO**.

2. Select the system font height. (Heights: 2.7mm, 3.6mm, 5.5mm, 8mm, 10mm, 12.7mm)

3. Press · **SYMBOLS** and select **SYMBOL** or **EURO CHAR**.

4. Press the corresponding number to choose the symbol.

☞ When you select different fonts, type of symbol changed accordingly.   Some system font does not support European Accented Characters.
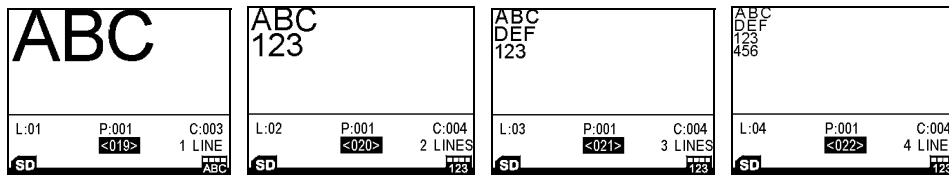
```
! " & ' , ; < > = ?
0 1 2 3 4 5 6 7 8 9

L:01      P:001       C:001
          <024>       1 LINE
SD                    ABC
```
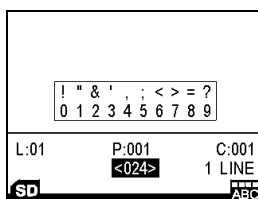
5. Press ABC... once or twice to select capital letter or numeric number.

6. Input the text content you wished.

7. Press ESC to save & exit (See **Save Message**) .

☞ Default system only offer Upper case font.

TIME

Add production date to a message.

1. Under Editing Mode, press F2 and choose **CREAT TIME** or **DATE/TIME FORMAT** (See **Date/Time Format**).

2. Press NO◄ ►YES to choose a time format you need.

```
2010/10/25                 2010/OCT/25


FORMAT:YYYY/MM/DD   ◄────►  FORMAT:YYYY/MMM/DD

SD                         SD
```

3. Press ESC to return to the Editing Mode.

EXPIRE

Insert Expiration date with various formats and expired duration.

1. Under Editing Mode, press F3 to add an expiration Date to the message.

2. Press NO◄ ►YES to choose a time format you need.

3. Move down a row, and input expiry days.

```
2010/10/26                 2010/11/24


FORMAT:YYYY/MM/DD          FORMAT:YYYY/MM/DD
DAYS:1              ◄────►  DAYS:30

SD                         SD
```

4. Press ESC to return to the Editing Mode.

COUNTER

Print the counting numbers.

1. Under Editing Mode, press F4 to add a counter to the message.

2. Press NO◄ ►YES to choose a counter type.

☞ There are 2 types of counter: Single and BOX/LOT (Box and lot should be used together, when the box prints over the max value, the box will reset to minimum value and lot will

advance a step value.)

For example:

①Single counter (Max: 9999, Min: 1, Current: 1, Step: 1)

Step=1

1 $\longrightarrow$ **2** $\longrightarrow$ **3...... 9999**

②Box (Max: 9999, Min: 1, Current: 1, Step: 2)

Lot (Max: 9999, Min: 1, Current: 10, Step: 5)

Box: **Lot:**

Step=2   Advance   Step=5

1 $\longrightarrow$ **3** $\longrightarrow$ **5...... 9999** $\Longrightarrow$ **10** $\longrightarrow$ **15** $\longrightarrow$ **20 ......**

3. Move to **MAX** and **MIN**, and input their value.
4. Move to **Step**, and input a value.

☞ To Count-Up: Input a positive step value.

☞ To Count-Down: Input a negative step value. (Press ˙ to obtain minus (—) sign)

5. Move to **ALARM**, and press 🔲◄ ►🔲 to switch ON/OFF. (Available when **COUNTER ALARM** is **ON**.)

☞ When counter exceeding the maximum value during printing, the system will switch to

PRINT OFF automatically.

6. Press ⬡ ESC to return to the Editing Mode.

SHIFT

Create shift for different operator and their starting work time.

1. Under Editing Mode, press F5 and choose **CREATE SHIFT** to add a shift to the message.
2. Select **SHIFT SETUP** to setup. (See **SHIFT**)
3. Press ⬡ ESC to return to the Editing Mode.

LOGO

Download the Logo from PC to SD card via **MessagePro** software!

1. Under Editing Mode, press F6 to add a LOGO to the message.

2. Press ▲ ▼ to choose a logo.

NAME:star

WIDTH: 1/1   HEIGHT:
71   (001)   71

SD

3. Press ENTER to return to the Editing Mode.

BARCODE

1. Under Editing Mode, press F7 to add Barcode into the message.

2. Press ‾‾NO◄ ►+YES to select a barcode type you need.

TYPE:UPCA
CONTENT:
WIDTH LEVEL:3

SD

3. Press ‾‾NO◄ ►+YES to choose width-level you need.

☞ Width-level indicates the spacing between bars.

4. Input the contents.

5. Press ESC to return to the Editing Mode.

☞ Important information to edit different barcode.

- UPCA: numeric (0~9), length: 11 digits // calculate the check digit automatically.

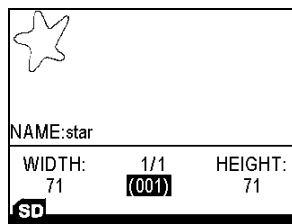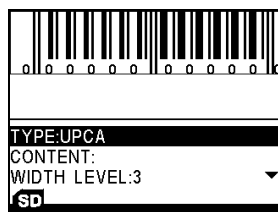- UPCE: numeric (0~9), length: 6 digits.

- EAN13: numeric (0~9), length: 12 digits // calculate the check digit automatically.

- EAN8: numeric (0~9), length: 7 digits // calculate the check digit automatically.

- INTER25: numeric (0~9), length: even, 50 digits Max.

- CODEBAR: first character (A～D), middle (0~9 and - $: / . +), last (A～D) length: 50 digits Max.

- CODE39: numeric (0~9) & A~Z & space & symbols (+ % - . $ /), length: 50 digits Max.

- CODE128: numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.

- SCC14: numeric (0~9), length: 14 digits.

- SSCC18: numeric (0~9), length: 18 digits.

- EAN128: numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.

- DUN14: numeric (0~9), length: 13 digits.

- PDF417: 2D Barcodes. numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.
- DATAMATRIX: 2D Barcodes, numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.
- QR: 2D Barcodes, numeric (0~9) & A~Z & a~z & space & all symbols, length: 50 digits Max.

String

Allows you to modify a frequent used text string in a message.

1. Under Editing Mode, press F8 to add a string to the message.
2. Press NO◄ ►YES to choose a string number (String No.:1~5).
3. Input the string content on next row.
4. Press ESC to return to the Editing Mode.

Modify Object

1. Under Editing Mode, select the object you desired.
2. Press ENTER to modify.
3. Press ESC to return to the Editing Mode.

Delete Object

1. Under Editing Mode, select the object you desired.
2. Press X DELETE to delete the object.

Save Message

1. Under Editing Mode, press ESC .
2. The U2 will confirm with you to **SAVE & EXIT** or **ABORT & EXIT**.

Delete Message

Under the Message Browser, highlight to the message you want to delete, and then press X DELETE.

Setting-Up Print Delay

Print Delay [Tab⊢A] allows you adjusting the distance of printing right after photocell is triggered.

1. Under Message Browser, and press [Tab⊢A] .

2. Input the value.

For example: If you set the delay to be 1 Inch, after the photocell is triggered, the PrintHead will wait conveyor to roll 1 Inch before printing. (Each message can be set with print delays individually)

Printing Message

Under the Message Browser, select a message and press Print On .

☞ Normally at **PRINT ON** stage, most of actions are not available until you press Print Off . However, if you remove the cartridge, the system switches to **PRINT OFF** automatically.
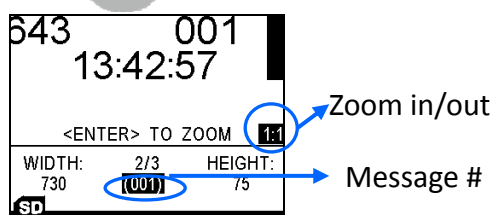
TOOLS

Preview Message

1. Under the Message Browser, highlight to a message you want to view and press [Tools] .

2. Move to **PREVIEW MESSAGE** and press [ENTER] .

3. Press [NO ◄] [► + YES] to select page # in order to preview the whole message.

Page #

Width (pixels)

Height (pixels)
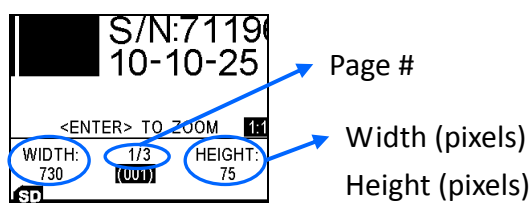
4. Press [▲] [▼] to preview the different messages.

5. Press [ENTER] to zoom in or out.

Zoom in/out

Message #

Preview Logo

1. Under the Tools, highlight to **PREVIEW LOGO** and press [ENTER] .

2. Press [▲] [▼] to select logos.

3. If the logo is too large or oversteps the screen area, press [NO ◄] [► + YES] to preview the message.

Create New Message

Under the Tools, move to **CREATE NEW MESSAGE** and press [ENTER] . The system will search an empty message automatically and then to start to edit.

Find Message

Searching message by its name or number.

☞ Search by name only available when the **MESSAGE NAME** is activated. When **MESSAGE NAME** is **OFF**, you can only find the message by its number.

Under the Tools, highlight to **FIND MESSAGE**.

1. Type the first few letters of the message name.

2. Press ⬭ENTER to find the message. (Maybe you need to take some time to wait searching)

Copy Message

Copy the message content to a different message location.

1. Select a message, then press ⬭Tools .

2. Highlight to **COPY MESSAGE** and press ⬭ENTER .

3. Input the Message No. you want to copy to.

Rename Message

Rename the message.

1. Select a message, then press ⬭Tools .

2. Highlight to **RENAME MESSAGE** and press ⬭ENTER .

3. Input a new name you desire.

Ink Report

System automatically calculates ink consumption base on the content of selected message.
Under the Tools, highlight to **INK REPORT**, press ⬭ENTER , the system shows residual ink content and automatically calculates the times of use it to print the current message.

Production Counter

Statically calculate the total print counts of production (maximum up to 99999999).

☞ **ALARM** available when **COUNTER ALARM** is **ON**.

Under the Tools, highlight to **PRODUCTION COUNTER** and press ⬭ENTER to setup.