User Guides

Additional instructions and guides for the Handheld Inkjet Marker

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These user guides are provided as additional clarification for the operation of the jetStamp inkjet markers.

For more comprehensive instructions please refer to the manufacturer's user manual

# Changing messages using the provided software "PCSet Easy"

This relates to messages:
- positions #26-29. (P:26, P:27, P:28, P:29) (older model with preset messages)
- positions #01-10. (P:01, ….., P:10) (newer model without presetmessages)

In order to change the jetStamp messages using the provided (PC only) software, the following procedure should be followed.

   a) **Plug-in the cables to the PC and the jetStamp charging station**
   b) **Place the jetStamp in "Transfer mode"**
   c) **Program the message using the PC Set Easy software**
   d) **Transfer the message to the jetStamp**

a) Plug-in the cables to the PC and the jetStamp charging station

Model: **790**
(battery operated)

Model: **792**
(mains powered)
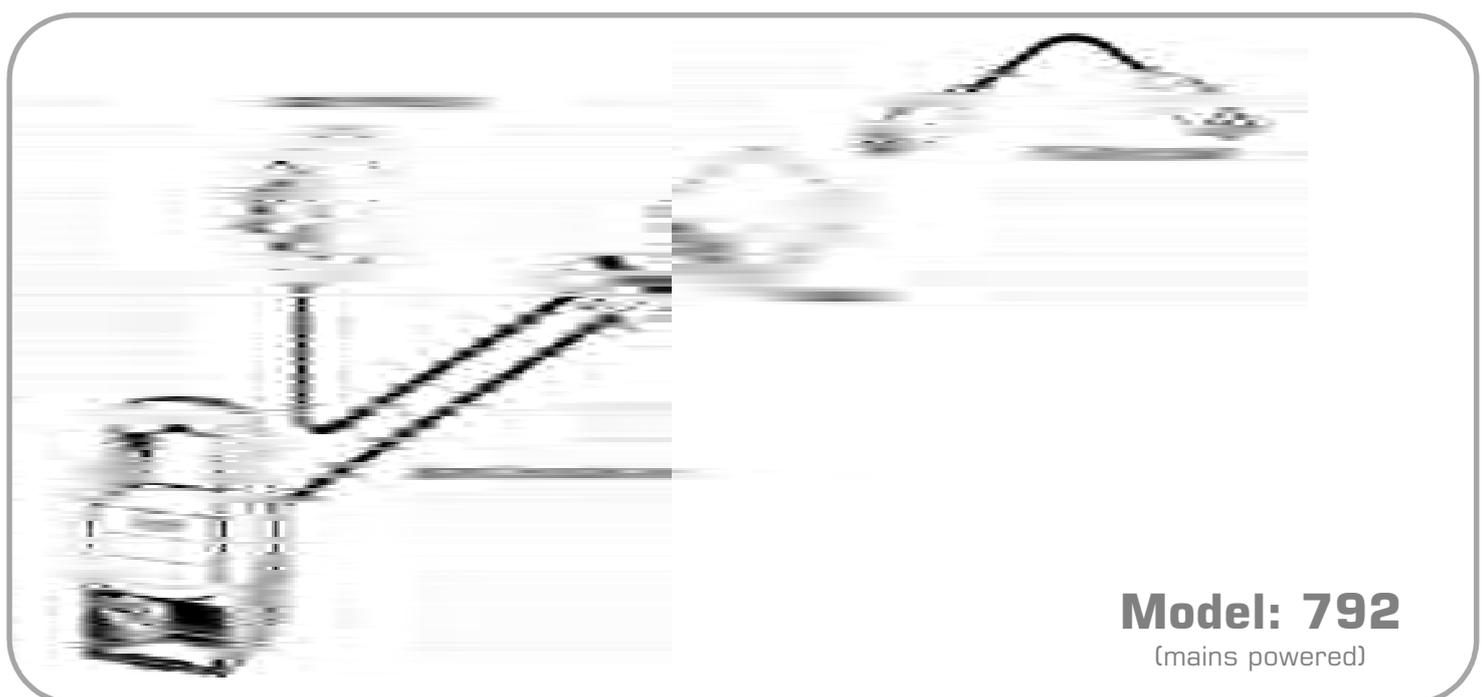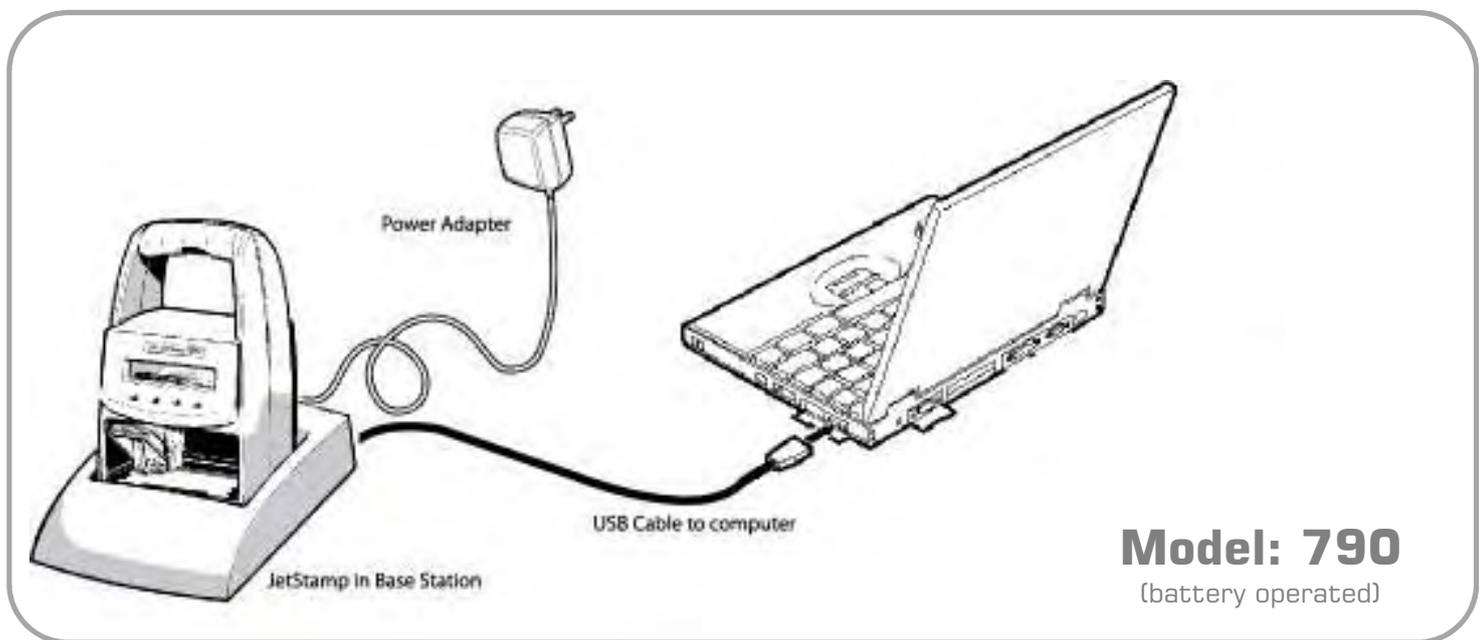
b) Place the jetStamp in "Transfer mode"

**1.** On the jetStamp screen, press ❶ "SETUP. If you do not see "SETUP" press ❹ "MODE" until the option "SETUP" appears.

```
P:01                              ▰▰▰▱
..................................................
..................................................
 SETUP            CLEAN    MODE
```
❶   ❷   ❸   ❹
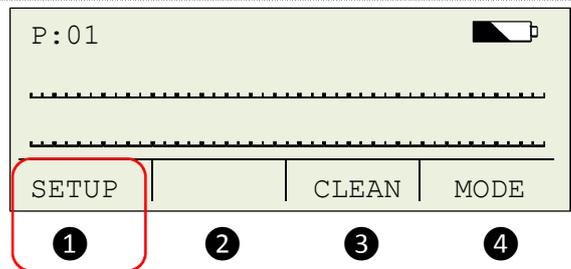
2. You will see "SETUP – MODULE SETTINGS"

Press ❷ "NEXT"

```
                                  ▰▰▰▱
SETUP – MODULE
SETTINGS
 RETURN   NEXT    CALL
```
❶   ❷   ❸   ❹
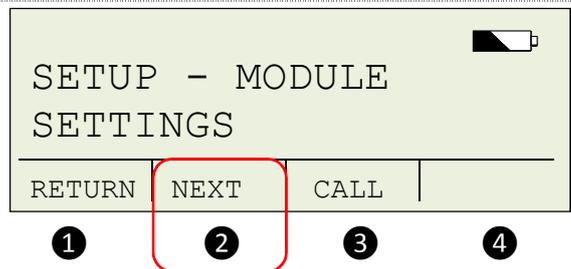
3. You will see "SETUP – MODULE UPDATE"

Press ❸ "CALL"

```
                                  ▰▰▰▱
SETUP – MODULE
UPDATE
 RETURN   NEXT    CALL
```
❶   ❷   ❸   ❹
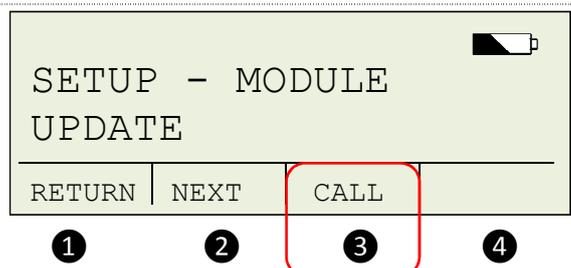
4. You will see "SM – UPDATE FIRMWARE ALL "

Press ❷ "NEXT"

```
                                  ▰▰▰▱
SM – UPDATE
FIRMWARE ALL
 RETURN   NEXT    CALL
```
❶   ❷   ❸   ❹
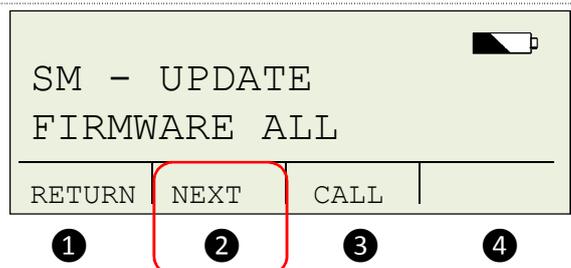
5. You will see "SM – UPDATE FIRMWARE PART "

Press ❷ "NEXT"

```
                                  ▰▰▰▱
SM – UPDATE
FIRMWARE PART
 RETURN   NEXT    CALL
```
❶   ❷   ❸   ❹
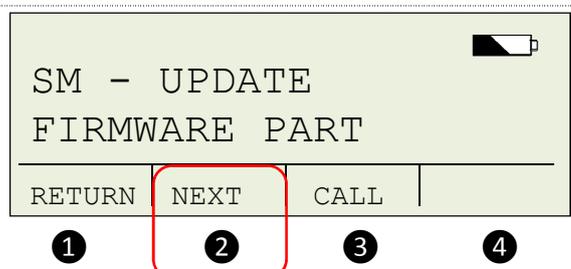
6. You will see "SM – UPDATE STAMP PICTURE "

Press ❸ "START"

```
                                  ▰▰▰▱
SM – UPDATE
STAMP PICTURE
 RETURN   NEXT    START
```
❶   ❷   ❸   ❹
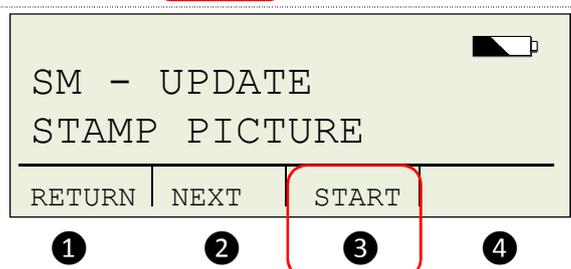
**7.** You will see "SM – UPDATE STAMP PICTURE ACTIVE "
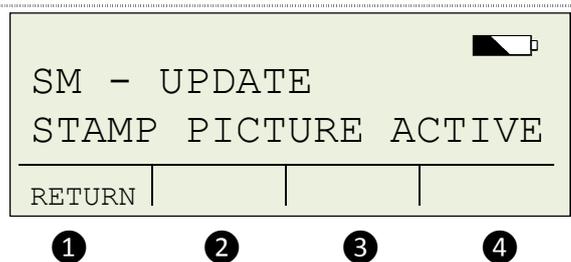
You can now place the jetStamp in the cradle and transfer messages using the PC Set Easy software for Windows.

```
                                  ▰▰▰▱
SM – UPDATE
STAMP PICTURE ACTIVE
 RETURN
```
❶   ❷   ❸   ❹

c) Program the message using the PC Set Easy software

This is achieved using the supplied "PC Set Easy" software. Install and open the software to begin. Note, this is a brief guide only. For more detailed instructions choose "Help" from the PC Set Easy menu.

1.
1. Type your text in the text area provided, eg; **"TR3205 S6 X 12"**
2. Drag the pen icon underneath the text area to an available box
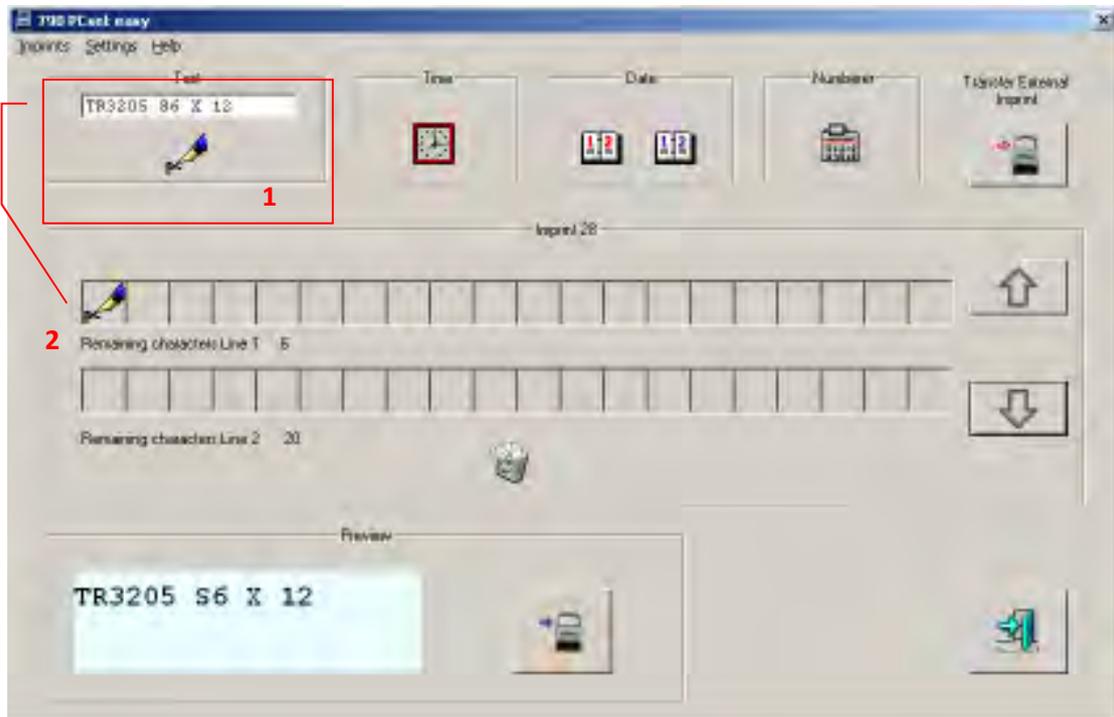
2.
3. Re-type the text "SN:" in the edit box and drag the icon to the bottom line
4. Double-click the "Numberer" icon and choose the number of digits in your serial number. Now drag the icon to a spare box.
5. Note: The **5** "Up Down" arrows allow you to program 4x different messages. These will be messages #01 – #10 on the JetStamp
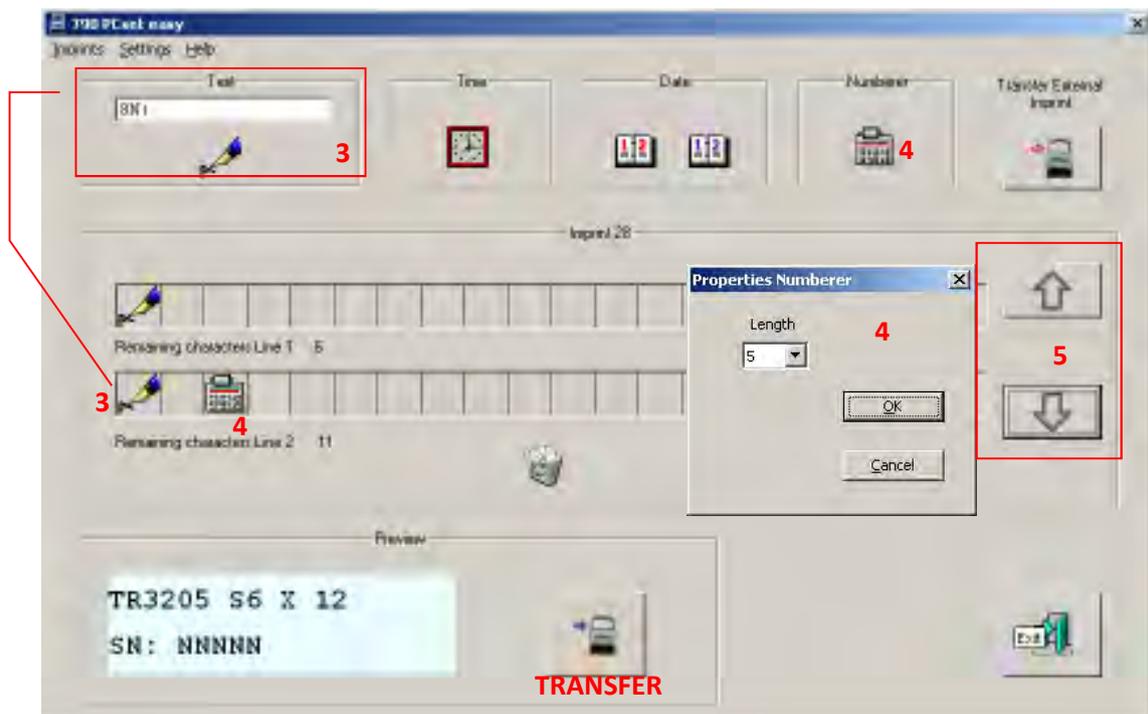
* Note that the preview will update to reflect the message entered

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d) Transfer the message to the jetStamp

3. When programming is completed, press the "transfer" button on the software.

A progress bar should appear.
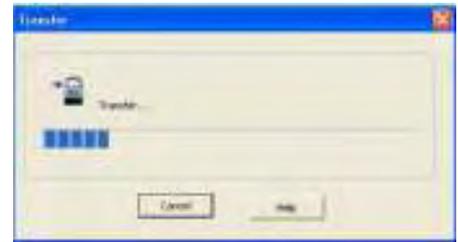
Transfer button   This progress bar should appear

⚠️ Note: You cannot click "Transfer' twice in succession. The JetStamp must be placed in "transfer mode" should you need to change the existing messages again.

**4.** "STAMP PICTURE   OK" means transfer was successful.

```
SM – UPDATE
STAMP PICTURE      OK
RETURN
```
❶ ❷ ❸ ❹ ✔️
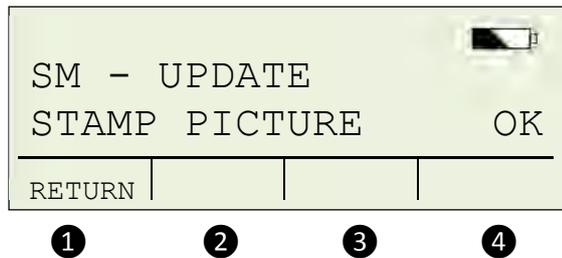
"STAMP PICTURE DEFECT" means transfer failed. Try procedure again.

```
SM – UPDATE
STAMP PICTURE DEFECT
RETURN
```
❶ ❷ ❸ ❹ ❌
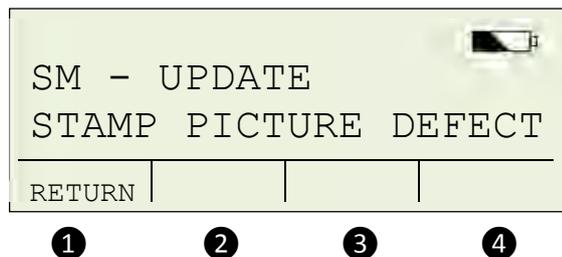
5. Now, keep pressing ❶ "RETURN" (3 times) until you are back on the main screen.

```
SM – UPDATE
STAMP PICTURE      OK
RETURN
```
❶ ❷ ❸ ❹
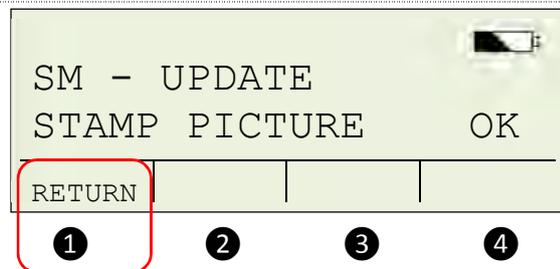
6. You should now see your messages in P:01 – P:10. Advance from P:01 to P:10 using the "NEXT" button

```
P:01
TR3205 S6 x 12
SN: 00000
          MO/TXT  NEXT   MODE
```
❶ ❷ ❸ ❹
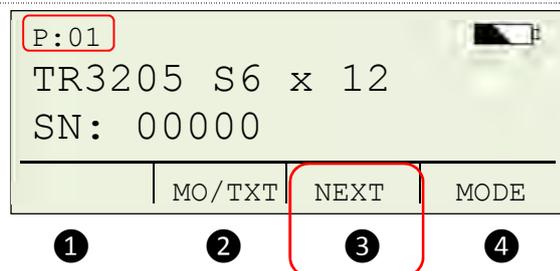
Changing message manually on the Handheld Inkjet

This relates to messages positions P:01-P:10 (newer models) or P:26-P:29 (older models)

A simple message can be created and modified without connecting to a PC and employing the PCSet Easy software. In some cases, where only a single character needs to change, this can be a faster way to quickly change your code.

⚠️ Messages created via the PCSet Easy software cannot be modified using this method. Using the PCSet software to load messages will override and clear all manually entered messages.

(A) Initial message entry
(B) Editing a message created in step (A)

(A) Initial message entry.

|		
!	On the main screen, if you do not see "MO/TXT", only "SETUP" "CLEAN" and MODE (other other menu options), press ❹ "MODE" and the display will change to show "**MO/TXT**", "NEXT" and "MODE"	P:01 ▮▮▮▯ ... SETUP | CLEAN | MODE ❶ ❷ ❸ ❹
1.	On the main screen, press ❸ "NEXT" until you see P:01 (or P:27, P:28 & P:29) appear on the screen. A number of blank "placeholder" bars will appear.	P:01 ▮▮▮▯ ... MO/TXT | NEXT | MODE ❶ ❷ ❸ ❹
2.	Press ❷ "MO/TXT" and an "INPUT" screen will appear.	P:01 ▮▮▮▯ INPUT —MODI TEXT 01 VALUE: ▭▭▭▭▭ RETURN | NEXT | VARY | ❶ ❷ ❸ ❹
3.	Press ❷ "NEXT" will allow you to skip through the message, which is divided into 4 portions: *MODI TEXT 1: Top line (left) 10 characters* *MODI TEXT 2: Top line (right) 10 characters* *MODI TEXT 3: Bottom line (left) 10 characters* *MODI TEXT 4: Bottom line (right) 10 characters*	P:01 ▮▮▮▯ 01.BEST BEFORE 02.:28/06/14 03.BATCH NUMBER 04.:1234567 NO/TXT | NEXT | MODE ❶ ❷ ❸ ❹
4.	Once you are at "MODI TEXT 1", Press ❸ "VARY" one of the placeholder bars will begin to flash	▮▮▮▯ VARY —MODI TEXT 01 VALUE: 🟨▭▭▭▭ RETURN | RIGHT | DEC | INC ❶ ❷ ❸ ❹
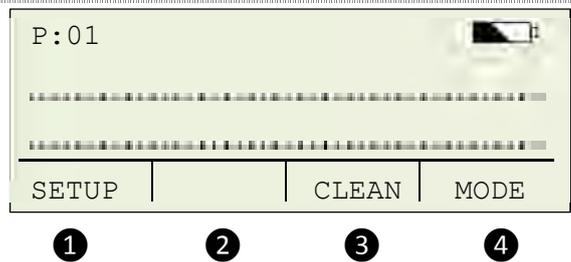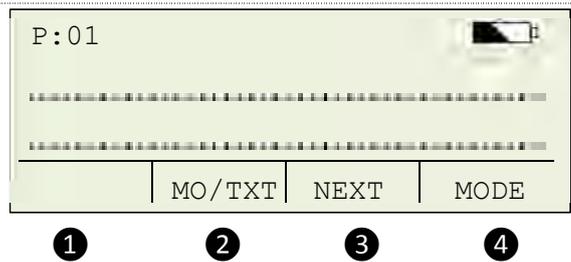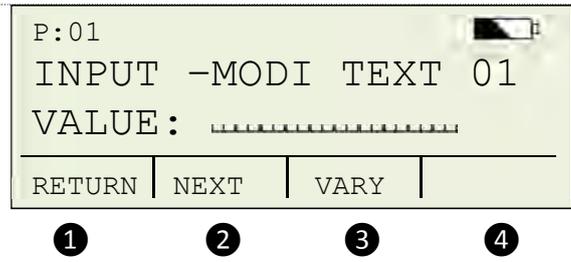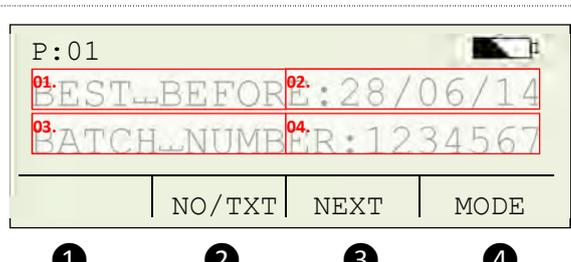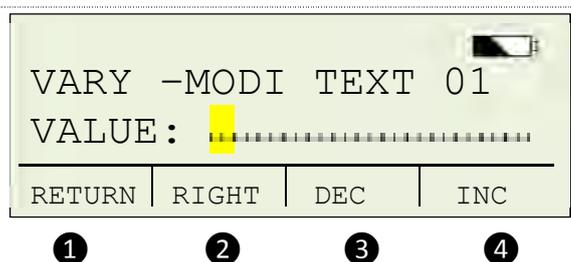
**5.** Change the character by pressing ❸ "DEC" or ❹ "INC" to increase or decrease the character value.

The number value will change in sequence "0..1..2..3..4..5..6..7..8..9..A..B..C…".. etc with symbols at the end (which can be reached faster from the beginning in "reverse' by pressing "DEC")

```
VARY—MODI TEXT 01
VALUE: B
        ❶        ❷        ❸        ❹
```
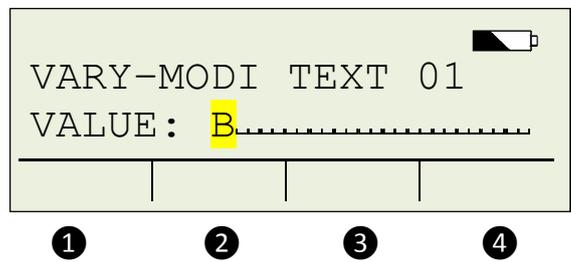
6. To advance to the next character in the message, press ❷ "RIGHT" and the next placeholder bar will begin to flash.

```
VARY —MODI TEXT 01
VALUE: B
RETURN │ RIGHT │ DEC │ INC
    ❶        ❷        ❸        ❹
```
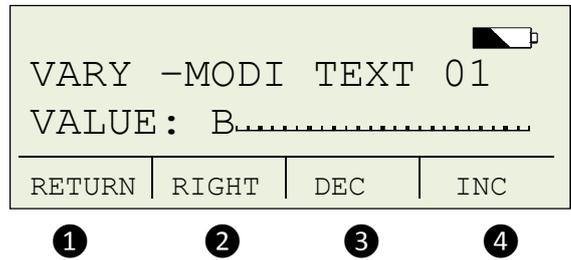
7. Repeat this procedure until you have achieved the message you require. Press ❶ "RETURN" when your message entry is finished.
Note that the "E" for the word "BEFORE" will need to be put in the second portion of the top line, since only 10 characters are allowed in one portion.

```
INPUT —MODI TEXT 01
VALUE: BEST␣BEFOR
RETURN │ NEXT │ VARY │
    ❶        ❷        ❸        ❹
```
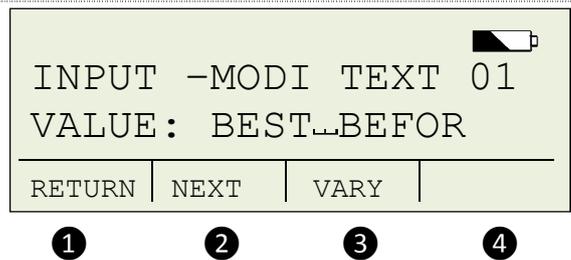
8. Press ❷ "NEXT" and you will advance to "MODI TEXT 02".

Press ❸ "VARY" and repeat steps 6-8 to change your message, in this example on MODI TEXT 02 you would continue with the letter "E".

```
VARY —MODI TEXT 02
VALUE: E:
RETURN │ RIGHT │ DEC │ INC
    ❶        ❷        ❸        ❹
```
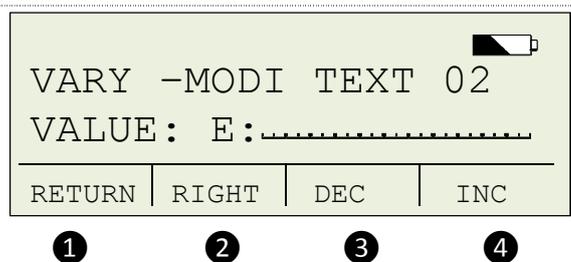
9. Once your message entry on all 4 portions is complete, press Press ❶ "RETURN"

```
INPUT —MODI TEXT 04
VALUE: ER:1234567
RETURN │ NEXT │ VARY │
    ❶        ❷        ❸        ❹
```
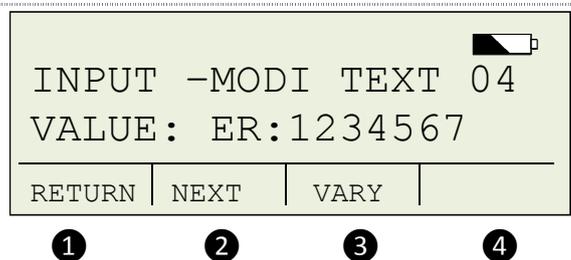
10. On the main screen, you should now see your entire message.

You can now print this message by pressing the "Print" button in the handle.

```
P:01
BEST␣BEFORE:28/06/14
BATCH␣NUMBER:1234567
        │ MO/TXT │ NEXT │ MODE
    ❶        ❷        ❸        ❹
```
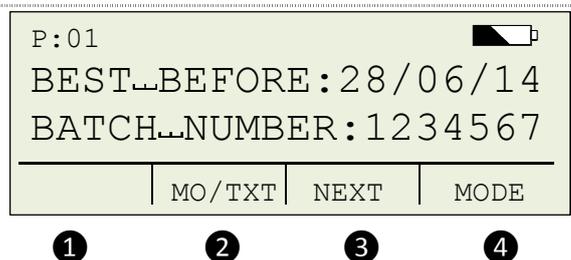
(B) Editing message created in step (A)

! On the main screen, if you do not see "MO/TXT", only "SETUP" "INKJET" and MODE", press ❹ "MODE" and the display will change to show "**MO/TXT**", "NEXT" and "MODE"

```
P:01                    ▬▬▬□
BEST␣BEFORE:28/06/14
BATCH␣NUMBER:1234567

SETUP  │ INKJET │        │  MODE
```
❶   ❷   ❸   ❹

1. On the main screen, you should now see your current message.

```
P:01                    ▬▬▬□
BEST␣BEFORE:28/06/14
BATCH␣NUMBER:1234567

       │ MO/TXT │ NEXT  │  MODE
```
❶   ❷   ❸   ❹

2. Press ❷ "MO/TXT" and the "INPUT" screen will appear.

```
                        ▬▬▬□
INPUT −MODI TEXT 01
VALUE: BEST␣BEFOR

RETURN │ NEXT  │ VARY  │
```
❶   ❷   ❸   ❹

3. Press ❷ "NEXT" to skip to the portion of your message you need to change, MODI TEXT 1-4.

```
                        ▬▬▬□
INPUT −MODI TEXT 02
VALUE: E:28/06/12

RETURN │ NEXT  │ VARY  │
```
❶   ❷   ❸   ❹

4. Once you are at the required "MODI TEXT", Press ❸ "VARY", one of the characters will begin to flash

```
                        ▬▬▬□
VARY −MODI TEXT 02
VALUE: E:28/06/12

RETURN │ RIGHT │ DEC   │  INC
```
❶   ❷   ❸   ❹

5. Press ❷ "RIGHT" to advance to the character in the message which requires alteration, and change it by using the ❸ "DEC" or ❹ "INC" to increase or decrease the character value. Press ❶ "RETURN" when your message entry is finished.

```
                        ▬▬▬□
VARY −MODI TEXT 02
VALUE: E:28/07/12

RETURN │ RIGHT │ DEC   │  INC
```
❶   ❷   ❸   ❹

6. You can now repeat this process by pressing ❷ "NEXT" to advance to another "MODI TEXT" and pressing ❸ "VARY" again to modify the characters, followed by ❶ "RETURN" when you have made your changes.

```
                        ▬▬▬□
INPUT −MODI TEXT 02
VALUE: E:28/07/12

RETURN │ NEXT  │ VARY  │
```
❶   ❷   ❸   ❹

7. To finish entering the message, press ❶ "RETURN" to go back to the main screen

```
┌────────────────────────────┐
│                      ▮▮▮▮▭  │
│ INPUT -MODI TEXT 04        │
│ VALUE: ER:5544332          │
│ ──────────────────────────│
│ RETURN │ NEXT │ VARY │     │
└────────────────────────────┘
   ❶        ❷       ❸      ❹
```
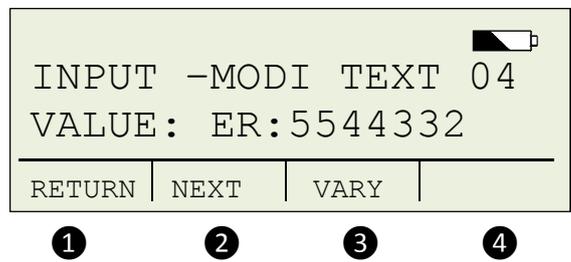
8. On the main screen, you should now see your changed message.

You can now print this message by pressing the "Print" button in the handle.
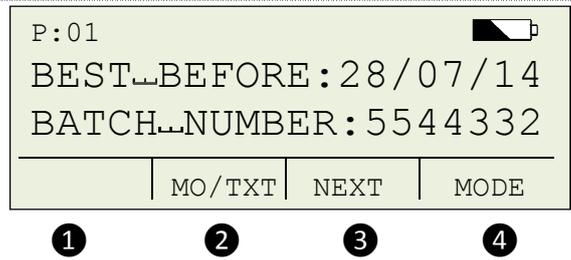
```
┌────────────────────────────┐
│ P:01                 ▮▮▮▮▭  │
│ BEST␣BEFORE:28/07/14       │
│ BATCH␣NUMBER:5544332       │
│ ──────────────────────────│
│      │ MO/TXT │ NEXT │ MODE│
└────────────────────────────┘
   ❶       ❷       ❸      ❹
```

⚠ Messages created via the PCSet Easy software cannot be modified using this method. Using the PCSet software to load messages will override and clear all manually entered messages.

Maintenance for the MP2-BK non-porous ink cartridge

The MP2-BK black ink cartridge contains a solvent-based "fast-dry" non-porous ink formulation designed to dry on a surface via evaporation. Consequently, this cartridge requires more maintenance than an ordinary water-based cartridge designed to dry via absorption into a porous material like paper.

New cartridges:
Ink cartridges are shipped from the factory sealed in a foil bag and placed in a nozzle sealing cartridge clip.

Using a cartridge for the first time
There should be no "activation" required. Simply remove the cartridge from the clip and insert into the printer.

* MP2-BK ink is a dye-based ink and will appear as coloured from black to shades of grey according to the material being printed upon.

** The MP2-BK ink is alcohol-based and may not adhere to all materials with the same strength.

Darker printing
For a bolder/darker print, navigate to "MODE>SETUP>MODULE SETTINGS>DOUBLE PRINT" then selecting "VARY>ON". This will cause the printer to make 2 passes with each trigger button press.

Maintaining an opened cartridge
After opening, the cartridge should be used up as quickly as possible until depleted. Gradually after opening, the cartridge will begin to "dry out" and the print quality will begin to deteriorate. How quickly the cartridge deteriorates depends on the individual circumstances/environment.

Return the inkjet to it's cradle
When idle, the inkjet should be returned to it's cradle. Whilst in it's cradle, the inkjet will remain in an intermittent cleaning cycle which will slow the drying out of the cartridge.

Place the cartridge in the storage clip and return to bag.
For longer term storage (a few hours/overnight/long-term), the cartridge should be placed in the storage clip and returned to the foil ziplock bag. Please store the cartridge in a cool place out of direct sunlight.

Restoring a cartridge
There is no guaranteed fix for a cartridge once deterioration begins. However, the steps outlined below have had much success in restoring print quality to cartridges.

⚠ IMPORTANT: Ink spillage/leakage may occur. Wearing protective disposable gloves, protective eyewear and clothing is recommended. Work in a well ventilated area.

These steps should be followed in sequence. For example, if you try **(a)** and still encounter print quality issues, then try **(b)** – if still problems then try **(c)** etc.

Short periods of dryout/small print quality issues

(a)	
	(a) Wipe Nozzles. This can be done while the cartridge is still in the inkjet. Wipe lightly in the direction of the nozzles. Use only a soft tissue or lint/fibre-free cloth. *If problems persist, try this step again or proceed to step (b)*

(b)	
	(b) Wipe Nozzles with solvent. The solvent must be alcohol-based such as Isopropyl Alcohol, Methylated Spirits or Trend's Printer Solvent 3400EP. This can be done while the cartridge is still in the inkjet. You may need to repeat step **(a)** after this step to remove the solvent. *If problems persist, try this step or previous steps again or proceed to step (c)*

(c)	
	(c) Flick Cartridge. Remove the cartridge from the printer. Wrap a bit of tissue paper over the nozzles. Grip the cartridge firmly and "flick" like a mercury thermometer. [CAUTION] ink droplets may be thrown from the nozzles. Wear protective clothing and complete this action above a sheet of paper. When completed, repeat step **(a)** to remove any surface ink. *If problems persist, try this step or previous steps again or proceed to step (d)*

If these steps do not resolve the problem, but improvement is noticed – then you may need to repeat any of these steps to get further improvement. If insufficient improvement is seen, then you will need to take further action.

Longer periods of dryout/persistent print quality issues

(d)	
	(d) Prime Cartridge Use only a small amount of air in the supplied syringe to expel only a small amount of ink onto a soft tissue. To finish, wipe with a soft tissue **(a).** *If problems persist, try this step or previous steps again or proceed to step (e)*

(e)	
	(e) Soak Cartridge Remove the cartridge from the printer. Fill a small container to a level of 3-4mm of solvent. Place the ink cartridge in the solvent, immersing the nozzles. Leave immersed for approximately 30 seconds – 5 minutes according to the severity of the blockage (start with smaller time). Then remove the cartridge and blot dry on some clean paper towel. Now re-do step **(c)** or **(d**) and finish with a wipe of a soft tissue **(a).** *If problems persist, try this step or previous steps again or proceed to step (f)*

You may need to repeat these steps until improvement is seen. The longer dried nozzles on cartridges are left, the more difficult it will be to restore them. Some cartridges may have deteriorated beyond repair. Cartridges that are left opened for a long period will likely be unrestorable.

⚠ **The solvent must be alcohol-based such as Isopropyl Alcohol, Methylated Spirits or Trend's Printer Solvent 3400EP. Do NOT use water, acetone or other unknown solvents.**