Eilersen
The Weighing Experts

5024G **Options Guide** **Enabling**

5024G LCD weighing terminal

Option licenses

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Contents

Introduction

This document describes how a license for an option is acquired and activated.

Options could e.g. be:

- Analog output (4-20mA/0-10V)
- Ethernet Printer
- External modules on the RS485 connection for e.g. Profinet, Profibus or DeviceNet
- 5024 Remote display on the RS485 connection
- Serial Modbus on the RS485 connection
- EtherNet/IP on the internal Ethernet connection
- ModbusTCP/IP on the internal Ethernet connection

Depending on the specific software version other options may be available or some options mentioned above may not be available.

Options ordered along with the terminal will normally be enabled as standard.

A single license code will only enable one specific option in one specific terminal. To activate an additional option or to activate an option in another terminal a separate license code must be used.

This guide only describes how a license code is acquired and activated. General information on how to install and used the 5024G weighing terminal is found in the separate 'Users guide'. Information of how to use a specific option is found in the 'Options guide' for this option.
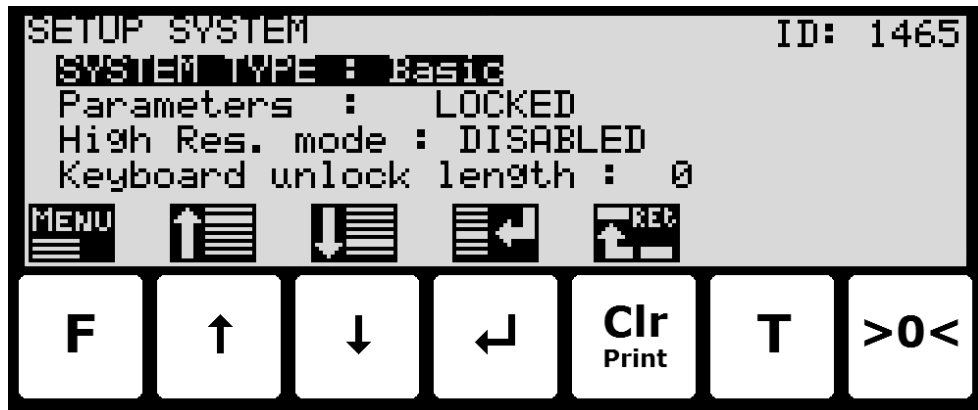
How to

– Acquire a license code

First the system ID must be identified. It is found in the **SETUP SYSTEM** screen. It is a 4-digit code found in the upper right corner, here 1465:
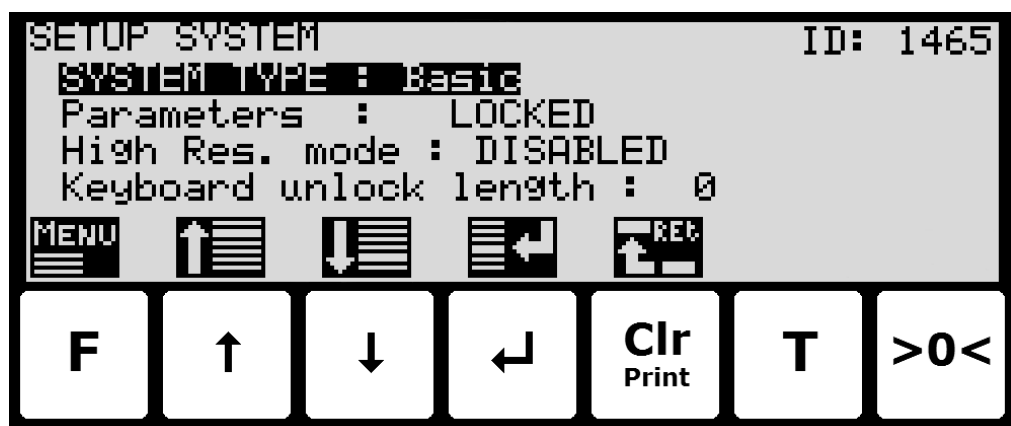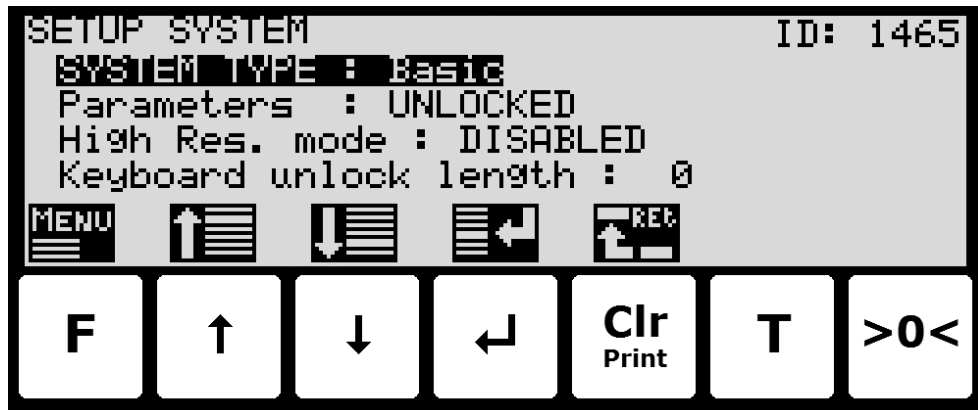

This ID is mailed to info@eilersen.com or your contact at Eilersen Electric along with an indication of which option is to be enabled.

– Activate a license code

When an 8-digit license code is received it must be entered in the **SETUP SYSTEM** screen:

```
SETUP SYSTEM                    ID:  1465
   SYSTEM TYPE : Basic
   Parameters   :    LOCKED
   High Res. mode : DISABLED
   Keyboard unlock length :   0
 MENU    ⬆☰    ⬇☰    ☰⏎    ⏎REt
```

| F | ↑ | ↓ | ↵ | Clr Print | T | >0< |

First parameter access must be unlocked as describe below:

```
SETUP SYSTEM                    ID:  1465
   SYSTEM TYPE : Basic
   Parameters   : UNLOCKED
   High Res. mode : DISABLED
   Keyboard unlock length :   0
 MENU    ⬆☰    ⬇☰    ☰⏎    ⏎REt
```

| F | ↑ | ↓ | ↵ | Clr Print | T | >0< |

Then press `>0<` to allow entry of the 8 digit license code. Please see the 'Users guide' for details on how to enter values (like the password).

Some options will require additional or power-cycling of the terminal, please refer to the 'Options guide' for further details.

To confirm that the option is enabled return to the **SETUP** screen:

```
SETUP
  SOFTWARE      : StdLim.140630.6.7i
  DATE          : 24.09.04
  TIME          : 07:35:31
  EVENTCOUNTER: 2373
 MENU                        ⏎REt
```

| F | ↑ | ↓ | ↵ | Clr Print | T | >0< |
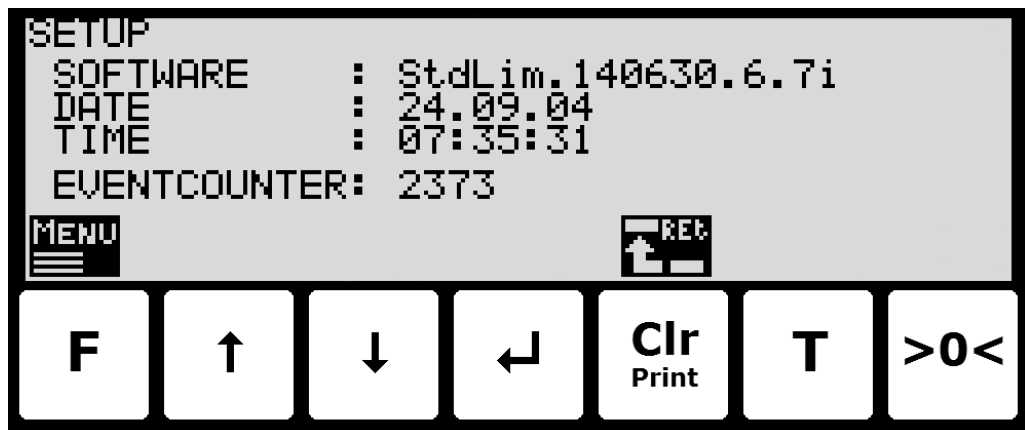
Here the last letters after the software revision, here 'i', will indicate which options are licensed. Please refer to the 'Options guide' for further details on which letter corresponds to a specific option.

- Unlock and lock parameter update

Parameters cannot be changed and actions not performed when the system is powered on. Before such operations are possible the parameters must be unlocked:

- Press ⬚F⬚ to invoke the menu system.
- Press ⬚↓⬚ to highlight the **SERVICE MODE** menu item.
- Press ⬚↵⬚ to select the **SETUP** screen.
- Press ⬚F⬚ to invoke the menu where the **SYSTEM** menu item is highlighted.
- Press ⬚↵⬚ to select the **SYSTEM** screen.
- Press ⬚↓⬚ to highlight the **Parameters** entry.
- Press ⬚↵⬚ to select the **ENTER UNLOCK PARAM** parameter entry.
- Enter the password 1357 and press ⬚↵⬚. Parameters are now unlocked and can be changed. Press ⬚Clr Print⬚ once to return to the **SETUP** screen or twice to return to the **NORMAL** screen. Please see the 'Users guide' for details on how to enter values (like the password).

The status automatically returns to **LOCKED** after 5 minutes without keyboard activity in **NORMAL** screen or when the terminal is power-cycled.

Appendices

Appendix A – Screens overview

The system has the following screens, which are selected using the menu system:

```
NORMAL ──┬── DOSING
         │
         ├── (STATUS)
         │
         ├── TOTALS
         │
         ├── SYSTEM INFO ──┬── SYSTEM SETTINGS
         │                 │
         │                 ├── LOAD CELL INFO.
         │                 │
         │                 ├── LOAD CELL SIGNALS
         │                 │
         │                 ├── LOAD CELL DIAGNOSTICS
         │                 │
         │                 └── ETHERNET STATUS
         │
         └── SERVICE MODE ──┬── SYSTEM (SETUP SYSTEM) ──── INTELLIGENT SETUP
                            │
                            ├── WEIGHING ──┬── LOAD CELLS – AUTO. CONFIG.
                            │              │
                            │              ├── COARSETARE
                            │              │
                            │              ├── ZEROING
                            │              │
                            │              ├── CALIBRATION ── CORNER CAL.
                            │              │
                            │              ├── LINEARIZATION ──┬── LIN. SET.
                            │              │                   │
                            │              │                   └── LIN. PROC.
                            │              │
                            │              └── DISPLAY
                            │
                            ├── DOSING PAR.
                            │
                            ├── ETHERNET ──────── PROTOCOLS
                            │
                            ├── RS485 COMM. ──┬── RS485 PROTOCOLS
                            │                 │
                            │                 └── RS485 STATUS
                            │
                            └── MAINTENANCE
```

Acquiring and activation of a license code in the **SETUP SYSTEM** screen

Revision History

Date	Author	Rev.	Update
2019-05-21	jk	5v3	Initial document created and adapted. (based on StdLim-140630-5v3-OG-EthPrinter-eng)
2019-09-03	HJA	5v4	Added Intelligent Setup to screens overview.
2020-02-18	HJA	5v6	Added ETHERNET STATUS screen in overview.
2020-02-24	HJA	5v6a	Corrected error in reference to terminal ID (from 9728 to 1465).
2020-09-08	HJA	5v7	Updated references to software ID.
2021-02-11	HJA	5v8	Updated references to software ID.
2021-05-07	HJA	6v0	Updated references to software ID.
2021-11-12	HJA	6v0a	Added MAINTENANCE screen to screens overview.
2022-01-19	HJA	6v1	Updated references to software ID.
2022-03-29	HJA	6v2	Updated references to software ID.
2022-11-28	HJA	6v3	Added Remote Display option.
2023-02-23	HJA	6v4	Updated references to software ID.
2023-05-30	HJA	6v5	Updated references to software ID.
2023-08-29	HJA	6v6	Added new RS485 COMMUNICATION , PROTOCOLS and STATUS screens.
2024-09-02	HJA	6v7	Added LINEARIZATION SETTINGS screen. Added LINEARIZATION PROCEDURE screen.

Contact

With further questions or improvement suggestions please contact us:

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