



GRAM K3IX P Printer Indicator User Guide

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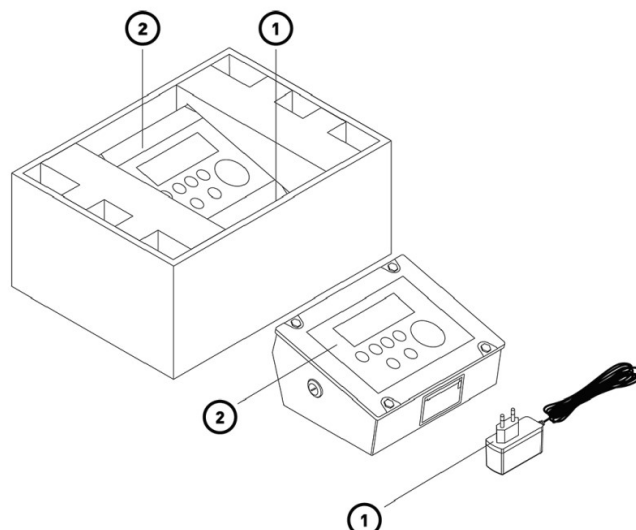
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GRAM K3IX P Printer Indicator



Installation







1. 1 x 220 V/12 VDC 1A mains adapter.








- Accompanying documentation

2. 1 x K3iX P weight indicator

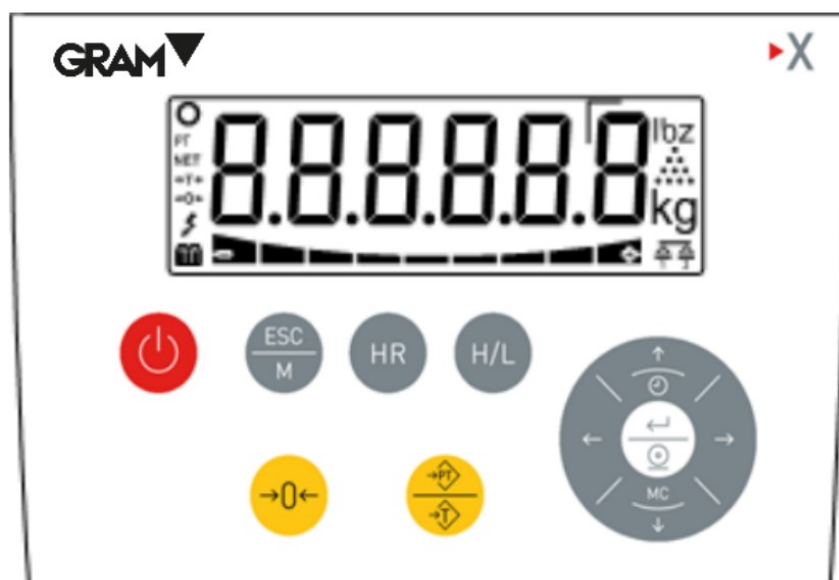
KEYBOARD & DISPLAY







LCD DISPLAY

	Displays the weight onto the load receptor.
kg/g	Unit of measurement in which the weight is indicated.
	Stable weight reading: There is a weight on the platform that is not fluctuating. Intermittent or switched off to indicate that there is movement in the scale.
	Negative sign. This reading may be negative if a tare is activated or to indicate a problem when setting it to zero.
NET	Indicates net weight. The net weight is the actual weight on the scale minus the tare. It is only displayed if a tare has been used.
→T←	Tare activated. The reading flashes when "normal" tare mode has been activated. A "pre-set" tare is retained even after the weight is removed from the scale platform.
PT	Memory pre-set tare. The current tare is a value recorded into the indicator's memory; it could be not necessarily a measured value.
→0←	Scale is set to zero (weigh is less than ¼ division)
	High resolution mode. Additional digit to show the weight with a resolution of 1/10 of the scale division.


	Double range mode, when using the scale range 1.
	Double range mode, when using the scale range 2.
	The weight is below the lower limit. The 4 segments of this indicator are activated proportionally to the difference between the weight on the pan and the value of the lower limit. The thickest segment indicates that the weight is less than the value set as a lower limit in a proportion of 100% or more.
	The weight is within the range between the lower limit and the upper (high) limit.
	The weight is above the upper (high) limit. The 4 segments of this indicator are activated proportionally to the difference between the weight on the balance and the value of the upper limit. The thickest segment indicates that the weight exceeds the value set as the upper limit in a proportion of 100% or more.
	Battery-operated. When not connected to the mains, shows the charge level of the battery.
	Plugged to the mains.

KEYBOARD & DISPLAY



-  **On / Off.** Press once to switch the indicator on. Hold the key down for 2 seconds to switch off the terminal.
-  **Esc / Menu.** It enters the menu settings mode. When already into the settings menu mode, escapes to the previous menu option or back to the weighing mode.
-  **High Resolution.** Activates the high-resolution mode. One more digit is added to the weight value for 4 seconds.
-  **High / Low limits:** activates / deactivates the checkweigher mode.). Clicking twice will access the “H/L” mode settings.
-  **Zero.** Zero button. It sets the scale to zero.
-  **Tare .** A short pulse activates the tare function. This may be “Normal tare” or “Preset tare” depending on

← → **Left / Right arrow.** Selects and edit a tare memory record.

 **Clock and top arrow.** In weighing mode, press to show the totalization amount. When keep pressed for 2" will show the date and time. In menu mode, when editing a value, it increases the value (digit) of the display.

SCALE SETTINGS – MENU OPTIONS

- **validate** the current setting / moves to the next digit when editing a numeric value
- **validate** a manually input value.
- **ESC** Returns to the menu's previous level without making any change.
- change to the **next** / **previous** option.
- changes between the different values that can be assigned to a specific option.

Automatic shutdown options

Backlight options

Beep ON/OFF

Pre-set tare mode ON/OFF

Serial port speed rate

Serial port: data send mode

Serial port : Output data format

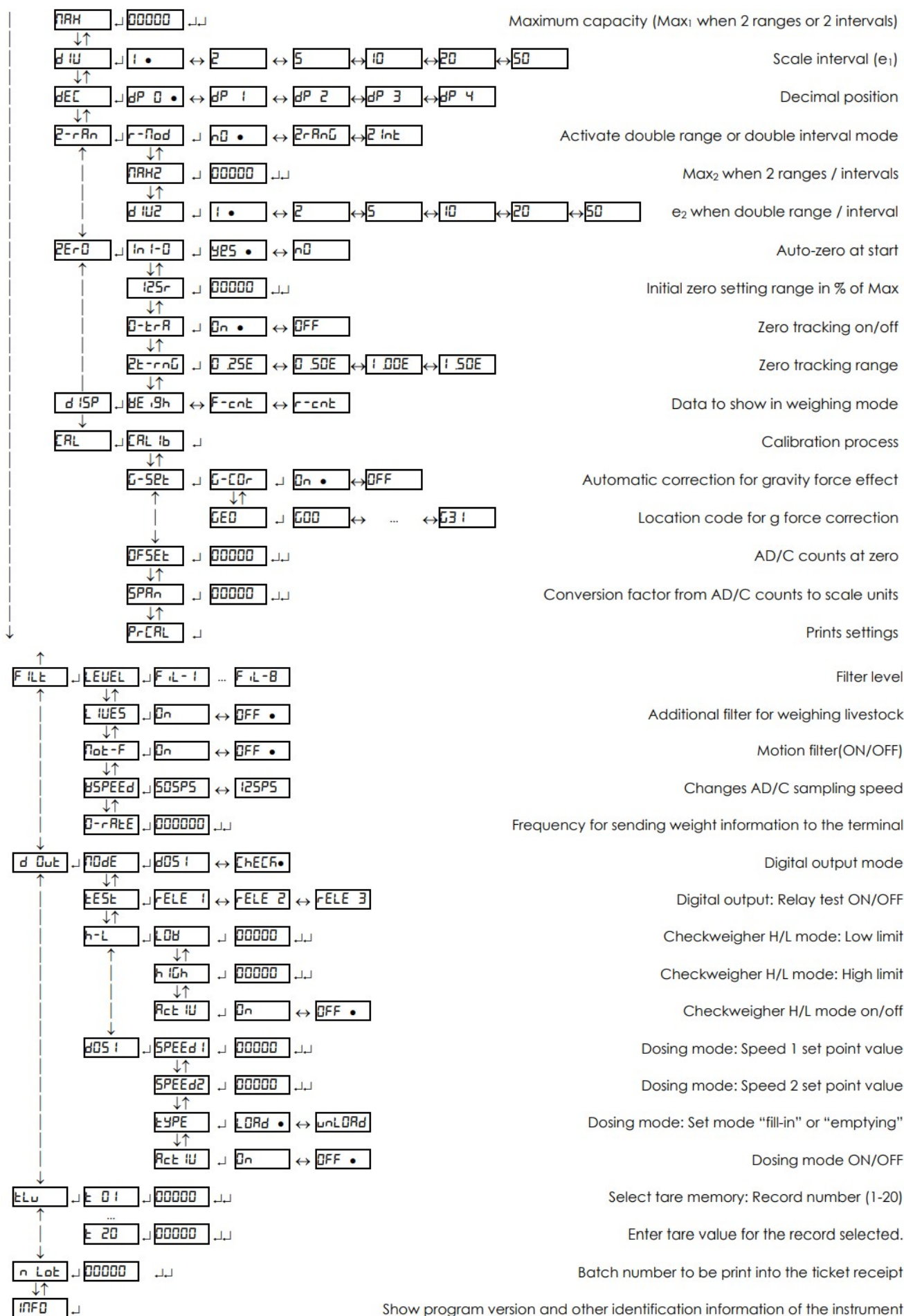
Date and time settings

Ticket / receipt serial number

Auto-cut paper

Decimal separator

Scale unit



SCALE CALIBRATION

At the SCAIE menu you will find the settings needed to define and adjust the measurement scale of the

instrument:

Measurement unit, maximal capacity, scale interval (division), decimal point, as well as different options related to the operation of the auto-zero device. Access to these configuration options is reserved for technical personnel and is protected by a keyword to avoid accidental changes that would cause the instrument to malfunction. It is possible to directly access the adjustment (calibration) function of the instrument when the indicator is turned on. To do this, turn on the indicator, and while the LCD test appears with all segments on, press the **OFF Button** and **H/L** keys at the same time (one short press, not sustained).

Once you have entered the access code to the scale settings menu, with the scale empty, select the option CALIB.

1. The display will show that the acquisition of the initial zero value is in progress with the blinking message "CAL 0".
2. Once the zero value has been adjusted, place the adjustment weight (a standard weight) on the load receptor.
3. Enter the weight value in the indicator, including the decimal positions. Use the cursor movement keys to move through the different positions on the display.
4. Once you enter the weight value, double click the \checkmark key to validate and move to next step. The display will show the blinking message "-CAL-" while acquiring the adjustment value.
5. Lastly, it will show the message "GEO" for a few seconds, asking for the code of the geographical location where you did the adjustment.

The geographical location code is a value from 0 to 31, which you must choose from the attached table. Use the \leftarrow and \rightarrow keys to change the value and validate by clicking on the \checkmark key.

6. Lastly, the message "SAVE" will briefly appear, indicating that the adjustment has been saved in the non-volatile memory. The indicator returns to normal use mode, displaying the weight on the load receptor.

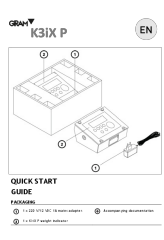
If the automatic correction of the weight according to the geographical latitude and height ("ü-Lür option") is set to ON, the next time you switch on the indicator after an adjustment, once the display test and initial welcome message is Completed, the user will be asked to enter the value corresponding to the geographical area where the scale will be Used.

Once the value has been entered for the geographical area where the scale is placed, it is recorded in the non-volatile memory of the indicator, and the user will not be asked for it again.

The geographical area where the scale is used can be modified later whenever you wish by entering the menu with fiEnii SCALE> [AL G-SEt > GEO G nn (being nn{0-31}).

The automatic corection of the setting according to geographical area can be disabled by entering the menu with fEnu SCALE CAL G-SEŁ 6-Cor OFF

Documents / Resources

	<p>GRAM K3IX P Printer Indicator [pdf] User Guide K3IX P, Printer Indicator, K3IX P Printer Indicator, Indicator</p>
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References

-  [Gram Group - Gram Group · Weighing Systems](#)

Manuals+.