

**AELP PALLET SCALE
AE 106 INDICATOR
5 keys, Version LAT 119**

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Software LAT 119

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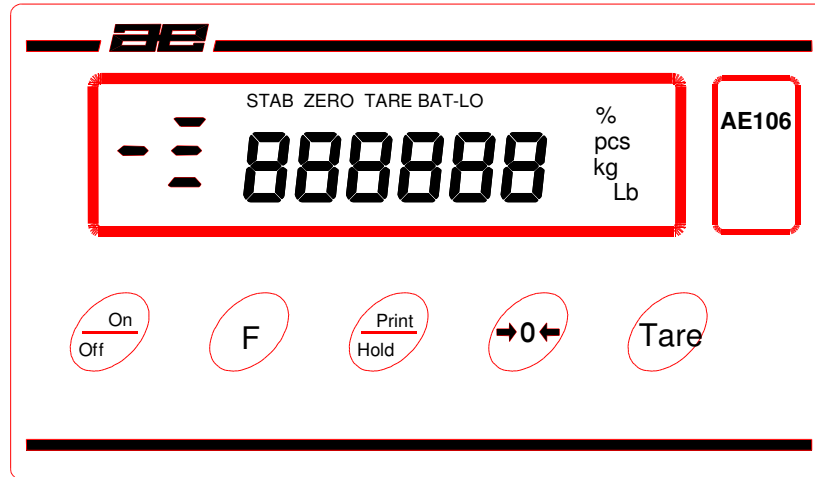
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Solutions in Weighing Technology

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1. OPERATOR'S INSTRUCTIONS



Key description

ON / OFF	- turns the scale on or off
PRINT	- initiates the RS-232 transmission
F	- sets functions
ZERO	- sets the display to zero with no weight on the platform.
TARE	- sets the display to zero by storing the current weight in the tare memory




Turn the scale on using the ON/OFF key. After the display is zero, place an item to be weighed on the platform. The display will show the weight. The unit will be grams or kilograms as set by the supplier.

To zero the display with no weight on the platform, press the ZERO key.

If a container is placed on the platform press the TARE key to zero the display. Then as material is added to the container only the weight of the material will be displayed. If necessary press TARE again to add more material if desired.

Trying to Tare a negative value will give the error “- VAL”.

If the weight on the platform exceeds the permissible range of the ZERO key ($\pm 4\%$ of capacity) the message “VAL 4” will be shown briefly. Either remove some weight or use the TARE key to zero the display.

DISPLAY SYMBOLS	
Symbol	Description
ZERO	Scale in auto zero range (indication = accurate zero)
STAB	Result is stable
PCS	Scale in parts counting mode
kg or g or t	Scale in weighing mode
BAT-LO	Batteries are weak, after 5 minutes the scale will turn off
TARE	Scale has been tared
	When weight is above the High setpoint
	When weight is between the setpoints
	When weight is below the Low setpoint
- Lo -	During parts counting sample size is too small

2. FUNCTIONS

To change functions press the F key. The functions that are available can be cycled through by pressing the F key. Not all functions may be enabled. Some functions may be set during the initial configuration and the user is not given access to them. In this case they will not be seen when the F key is pressed. To use any of the functions see the corresponding section of the manual.

If you continue to press the F key you will eventually be returned to weighing.

<i>Functions Available</i>		
	<i>Function</i>	<i>Description</i>
1.	bL	Enable / disable the backlight (if used)
2.	AUE	Change averaging of weighing result
3.	bod	Change baud rate for RS-232 transmission speed
4.	PIECE*	Enter parts counting
5.	StEPS*	Enter check-weighing
6.	rEPL	Set RS-232 to transmit automatically or manually
7.	StAB	Set the RS-232 to print only when stable or at any time
8.	Aut	Enable/disable the autozero function
9.	t1	Enable/disable the automatic turn off
10.	toP	Enable/disable the maximum hold feature
11.	nE	Change to measuring in Newtons

Most functions only require a simple enable or disable (0 or 1) or a number that is incremented. In this case it is only necessary to select the function using the F key, then press PRINT to view the current setting. Pressing PRINT again will change the setting to the next value. Pressing F again will return to normal weighing.

On other functions (marked *) select the function by pressing the F key. Press the PRINT key to enter the function menu. The program will then prompt you to enter values depending upon the function selected. It is necessary to use the TARE key to select a digit to change and press the PRINT key to increment the flashing digit. When all digits have been entered press the F key to go to the next step of the procedure.

2.1 bL = AUTOMATIC BACKLIGHT CONTROL

If the scale includes a backlight that can be either enabled or disabled.

To set the parameter press the F key to show "bL"

Press PRINT to see the parameter.

Press PRINT to select either "bL= 0 or "bL"= 1.

"bL"= 0 Backlight is enabled.

"bL"= 1 Backlight is disabled.

Press the F key to return to weighing.

2.2 AVE = DISPLAY AVERAGING RATE

Select the required averaging for the display update.

Press the F key until AVE is displayed. Press PRINT to select the desired value.

Press the F key to return to weighing.

AVE 1 = Fastest display rate for uses such as filling.

AVE 3 = Slowest display rate for uses such as animal weighing
or poor environment.

2.3 bod = BAUD RATE SELECTION

Select the required baud rate for the RS-232 communications.

Press the F key until "bod" is displayed. Press PRINT to select the desired value. Press the F key to return to weighing.

bod 1	=	300 Baud
bod 2	=	600 Baud
bod 3	=	1200 Baud
bod 4	=	2400 Baud
bod 5	=	4800 Baud (default)
bod 6	=	9600 Baud

2.4 PIECE = PARTS COUNTING

Parts counting is used to display the number of items placed on the balance after a sample of the items is used to calibrate the balance.

Place a container on the pan and press TARE to zero the display. Place a quantity of items to be counted in the container. The number of items is the sample size.

To enter parts counting mode, press the F key until "PIECE" is displayed.

Press PRINT to enter parts counting mode. The sample size is displayed. To select a different sample size use the TARE key to select a digit and the PRINT key to increment the value. The sample size can be set in the range of 1 to 100,000.

When the desired sample size is shown, press the F key.

The display will show "LOAD". If the sample is not already on the pan, place it there now.

Press the F key.

The display will show the number of items in the sample. The display may show "contr" briefly while it is computing the number of parts. If more items are added or removed from the balance, the display will show the new quantity.

Note that the display is limited to 6 digits, i.e. 999,999 pieces. If the quantity on the scale exceeds 999,999 the left most digits and any leading zeros will be lost, for example 1,002,305 will display as 2,305pieces.

When in use the balance can be tared normally to eliminate the package weight from the gross weight.

To return to weighing, press the F key to select "PIECE" then press the TARE key.

Counting Accuracy.




The best accuracy is obtained with larger sample sizes. It is possible to use a smaller sample size to determine a larger sample accurately. This larger sample can then be used for counting a greater number of parts.

If the items to be counted are not uniform, the results may be inaccurate.


Care is needed not to exceed the capacity of the balance. The display will show "FULL-2" if the capacity is exceeded.

2.5 StEPS = CHECK-WEIGHING FUNCTION (Low-OK-High)

The check-weighing function will show a symbol on the left side of the display to indicate if the current weight displayed is:

-  - above the **High setpoint**
-  - between the **setpoints**
-  - below the **Low setpoint**

To enable the check-weighing function and set the value of the setpoints press the F key until "StEPS" is displayed.

Press PRINT to enter the function. The display will then show all zeros and the left most digit will be flashing. The LOW  symbol will be on.

Use the TARE key to set the digit to be changed and the PRINT key to set the value for the low setpoint. When the value is correct press the F key to go to the high setpoint.

Set the high setpoint and press the F key to return to weighing.

The display will indicate when the weight shown is below the low setpoint, between the setpoints or above the high setpoint.

To disable the function press the F key until either "PIECE" or "StEPS" is displayed and then press the TARE key.

2.6 rePL = RESULTS PRINTED AUTOMATICALLY or MANUALLY

This parameter controls the operation of the RS-232 interface. The balance can be configured to either print automatically when the balance becomes stable or only when the PRINT key is pressed.

To set the parameter press the F key to show "rePL"

Press PRINT to see the parameter.

Press PRINT to select either "rePL"= 0 or "rePL"= 1.

"rePL"= 0 Manual output when PRINT key is pressed.

"rePL"= 1 Automatically print when the results are stable.

Press the F key to return to weighing.

2.7 StAb = PRINT WHEN STABLE or INSTANTANEOUS

When the scale is set to manual print, REPL = 0, the balance can be set to print either immediately after the PRINT key is pressed or only after the balance is stable. The function can also be enabled from the RS-232 interface. See Section 3: Communication With A Computer or Printer.

To set the parameter press the F key to show "StAb"

Press PRINT to see the parameter. Press PRINT to select either "StAb"= 0 or "StAb"= 1.

"StAb"= 0 Balance sends weight results only when the balance is stable.

"StAb"= 1 Balance sends weight results immediately after PRINT is pressed.

NOTE: If "StAb"= 0 then "rePL" should be set to "rePL"= 0 also.

Press the F key to return to weighing.

2.8 Aut = AUTOZERO FUNCTION

The scale has an autozero function to automatically rezero the balance. This function will reset the zero if the zero should drift from the initial zero condition. The autozero function is normally enabled to ensure a stable zero condition. However some operations may be affected by the autozero function. Examples are filling applications where the material flows very slowly and evaporation, if the user tares the balance with the sample on the pan and is looking for the amount of material that might evaporate. In these conditions, the autozero may be disabled.

To set the parameter press the F key to show ZERO.

Press PRINT to see the parameter. Press PRINT to select either "Aut" = 0 or "Aut" = 1.

"Aut" = 0 Autozero function is enabled.

"Aut" = 1 Autozero function is disabled.

Press the F key to return to weighing.


2.9 t1 = AUTOMATIC POWER SWITCH OFF

The scale includes an internal battery. The typical operation time using only the battery is 50 hours if one load cell is used and about 12 hours if four are used. The scale includes the “t1” function to turn the power off after 5 minutes if it is not being used. This function can be disabled if the balance is powered from the mains power supply or if the disruption of the power might affect the weighing procedure.

To set the parameter press the F key to show “t1”
Press PRINT to see the parameter. Press PRINT to select either “t1”= 0 or “t1”= 1.
“t1”= 0 Automatic switch off is enabled.
“t1”= 1 Automatic switch off is disabled.
Press the F key to return to weighing.


2.10 toP = HOLD MAXIMUM VALUE

The display will hold the maximum value weight placed on the pan until the balance is tared.

When a weight is placed on the pan the display will hold the highest reading until the operator presses the TARE key to reset the display to zero. When the function is enabled the display will show a symbol  at the second digit.

To set the parameter press the F key to show “toP”
Press PRINT to see the current parameter. Press PRINT to select either “toP” = 0 or “toP” = 1.
“toP” = 0 Hold function is disabled.
“toP” = 1 Hold function is enabled.
Press the F key to return to weighing.

2.11 nE = WEIGH IN NEWTONS

The balance can display the unknown weight in Newtons. When Newtons are selected the weight legend on the display will be turned off a dash symbol  will be turned on at the bottom of the 2nd digit from the left.

To set the parameter press the F key to show “nE”.
Press PRINT to see the current parameter. Press PRINT to select either “nE”= 0 or “nE”= 1.
“nE”= 0 Weigh in kilograms.
“nE”= 1 Weigh in Newtons.

3. COMMUNICATION WITH A COMPUTER/PRINTER

The following applies only to scales supplied with an RS-232 interface.

Press the PRINT key to transmit weighing data (value and unit of mass) to a computer or printer (RS-232C).

The AE 106 indicator can be connected to a printer for printing the results of the weighing or to a computer to either display or control the balance through the RS-232 interface. The commands can tare the balance or request the weight be printed.

3.1 PARAMETER

The interface parameters are:

- 300 - 9600 Baud as selected, see section 2.2, default 4800 baud
- 8 data bit
- No parity
- 1 stop bit

3.2 CONNECTION

Depending upon case style the output is either using a 9 pin D-subminiature connector or a 6 pin Audio Connector.

If the output connector is a 9 pin D-subminiature plug. The output pins are:

- Pin 2 Input
- Pin 3 Output
- Pin 5 Signal Ground

It is necessary to jumper pin 7 to pin 8 to enable the RS-232 interface circuits.
Do not connect these pins to the handshaking pins on the interfaced device.

If the output connector is a 6 pin audio connector. The output pins are:

- Pin 2 Input
- Pin 3 Output
- Pin 5 Signal Ground

It is necessary to jumper pin 1 to pin 6 to enable the RS-232 interface circuits.
Do not connect these pins to the handshaking pins on the interfaced device.

3.3 OUTPUT FORMAT

The balance will output the weight with the units of measure on one line. The output is initiated when the PRINT key is pressed or a command is received over the RS-232 interface.

±w w w • w w w _ _ u u u <cr><lf>
Sign, weight unit of weight

Units of weight used are:

kg= kilogram, t= tonne, g= gram, lb= Pounds, pcs= parts.

3.4 INPUT COMMANDS FORMAT

The balance can be controlled with the following commands. The commands must be sent in upper case letters, i.e. "T" not "t". The balance will send the message ES if it does not understand a command that is sent to it.

T<cr><lf>

The uppercase T will tare the balance. This is the same as pressing the TARE key.

SI<cr><lf>

The SI command will cause the weight to be transmitted over the RS-232 interface. This is the same as pressing the PRINT key.

If the scale receives a command it does not understand it will send the message "ES".

4. TECHNICAL DATA

SPECIFICATIONS

A general purpose indicator for displaying weight. With the additional abilities to do parts counting, check-weighing and weighing in Newtons.

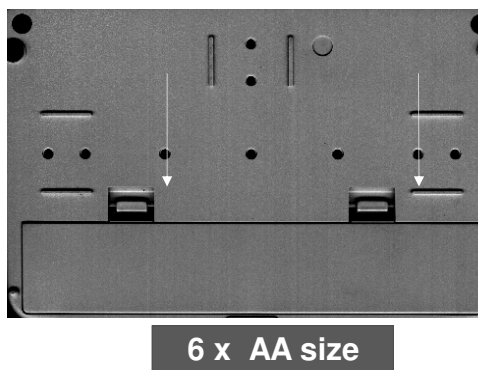
INPUT SECTION	
Load Cells	minimum 40 ohm load cells maximum 1200 ohm.
Sensitivity	0.15 μ v/ internal increment
Excitation Voltage	5 V(switched), 125ma. minimum 40 ohm load cells maximum 1200 ohm.
Zero Input Range	0 to +2.5mv.
Input Range	0 to 10mv.
POWER SUPPLY	
External Power Supply	6.5 to 22Vac,. or 7.5 to 27Vdc 200ma minimum
Connector	PLASTIC CASE VERSION 2.1mm diam, x 5.5mm diam. co-axial type METAL CASE VERSION 8 pin audio type or glands
Internal Batteries	PLASTIC CASE: 6 each, AA size Alkaline drycell batteries are suggested. METAL CASE: Internal 12v lead acid battery, charged by internal power supply.
WEIGHING	
Display Units, default	kg, g, t or lb.
Special Weighing units	parts counting, Newtons, checkweighing.

4.1. POWER SUPPLY

Power can be supplied by mains adapters, by batteries inside of scale's head (6 x AA Size) with the plastic case or by an internal 12V lead acid battery with the metal case. The current required is 200ma for the plastic style and 500ma with the metal case with internal batteries.

Units in the steel cases with lead acid batteries require 16Vac or Vdc in order to have sufficient voltage to charge the battery. The plastic case can work with power as low as 6.5Vac or 7.5Vdc. Do not exceed 22Vac or 27Vdc.

CAUTION: DO NOT use external power supplies and 6 X AA size batteries together as damage to the batteries may result. If the batteries are low on charge **BAT – LO** will be displayed. The scale will automatically switch off after 5 minutes. The batteries should be replaced by new ones in the plastic case. On the metal case version the internal battery should be recharged.



With the AA alkaline batteries the battery life is approximately 50 hours with one 350 ohm load cell, or about 10 hours with 4 350 ohm load cells.

With the internal lead acid battery the battery life is approximately 250 hours with one 350 ohm load cell, or about 50 hours with 4 350 ohm load cells.

4.2 LOAD CELLS

To connect the AE 106 to a new base it is necessary to connect the load cells properly. Then set the parameters for the weighing system.

The sensitivity of the indicator is approximately 0.15uv/ A/D division. The excitation voltage is 5V switched (AC). If the input voltage is too small, the weight indication may skip some values and the display may be unstable.

It is the operators responsibility to assure the load cells are correct for the purpose and the signal from the load cell is correct.

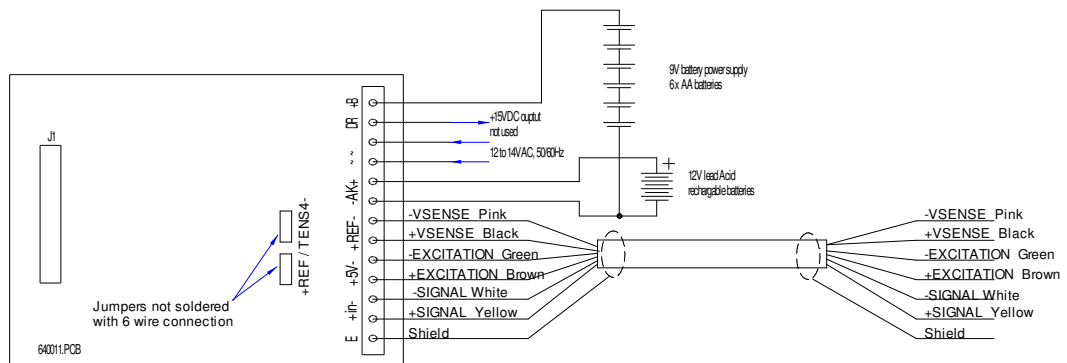
Note that it may not be possible to measure the signal from the load cell with all DVM's. Some DVM's will measure the Excitation and signal voltage while others will not. Try measuring the excitation voltage to determine if your voltmeter will work.

CONNECTING TO LOAD CELLS

The AE 106 is supplied with cable for connection to external load cells. The indicator can drive up to 40 ohm load cell resistance. With 40ohm load the excitation voltage may fall to about 3.3V.

Function	Colour
+ Signal	Yellow
- Signal	White
+ Voltage sense	Grey
- Voltage sense	Pink
+ Excitation	Brown
- Excitation	Green
Cable Shield	

The load cell can be connected in either a 4 wire configuration or a 6 wire. The standard connection is 4 wire. See below:



If the connection is 4 wire jumper the shorting pads +REF together and TENS4 together as shown above. This internally connects the excitation voltages to the reference sense voltages. For 6 wire load cells de-solder the two shorting pads and connect the sense wires to the +/- ref terminals.

5. INITIAL PARAMETERS

After the load cells have been connected it will be necessary to set the parameters of the scale.

The parameters set the capacity, number of divisions, value for the increment and the other values used while weighing. The method used for setting parameters also allows calibration and sets whether the user functions are enabled or not.

Before proceeding you should list the values for the parameters you will need. These include:

- Decimal point position,
- Units of weight (gram, kilogram, pound or tonne)
- Maximum capacity of scale plus an appropriate over-range (9xe)
- Value for the increment (1, 2 or 5)
- Value for the default calibration weight.
- Value for linearity weights

The default calibration weight is recommended to be at least half of the maximum capacity of the scale.

The value of each linearity step should be 2 – 6 equal weights.

For example a 30.000kg scale could have linearity set at the maximum of 6 points of 5.000kg each, so the “step” parameter would be set to 5.000.

See the graphic menus that follow for more detail.

INITIAL SETTINGS OF THE SCALE

To set scale's parameters follow the method below.

- Press and hold the Internal Calibration switch and Turn on the scale.
- The display first shows the revision of the software, then all the display elements are on, then the first parameter of the menu, release the calibration switch.
- Programme all the parameters, then calibrate the scale

5.1. Set criteria of “stable measurement”

Indication	- Con
Application	- set the number of identical results to determine when the scale is stable and turn on the stable indicator. Typical value con=4.
Allowed values	- 1, 2, 3, 4, 5, 6, 7, 8, 9
Keys	- PRINT - change setting
	- F - confirmation and go to the next parameter

5.2. Set the criteria for the “Display Update Rate”

Indication	- dIS
Application	- set a value corresponding to the display update rate, 1 being fastest and 9 slowest. Typical value dIS=4.
Allowed values	- 1, 2, 3, 4, 5, 6, 7, 8, 9
Keys	- PRINT - change setting - F - confirmation and go to the next parameter

5.3. Set transmission speed

Indication	- bod
Application	- to set RS-232 baud rate
Allowed values	- 1, 2, 3, 4, 5, 6, (300, 600, ... , 4800, 9600 bit/s)
Keys	- PRINT - change setting - F - confirmation and go to the next parameter

5.4. Set decimal point

Indication	- Poi
Application	- set the position of the decimal point
Allowed values	- 3, 4, 5, 6 - (00.000 000.00 0000.0 00000)
Keys	- PRINT - setting - F - confirmation and go to the next parameter

5.5. Set measuring unit

Indication	- uni
Application	- to set measuring unit
Allowed values	- 1, 2, 3 or 4 (1= g, 2 = kg, 3 = t, 4=Lb.)
Keys	- PRINT - setting - F - confirmation and go to the next parameter

5.6. Set value of last digit

Indication	- nr
Application	- to set increment value of the last digit
Allowed values	- 1, 2, 3 (1 -one, 2 - two, 3 - five)
Keys	- PRINT - setting - F - confirmation and go to the next parameter

5.7. Set input voltage level

(not available on all versions of software)

Indication	- VOL
Application	- to set input voltage level (internal gain of A/D section) Set to VOL=0 for low signal voltages such as multiple load cell systems or low utilisation of load cells. Set VOL=1 when a single load cell is used near full capacity. Normally VOL 2 and 3 are not used. The full scale input for each setting are:
	VOL=0 10mv
	VOL=1 20mv
	VOL=2 40mv
	Vol=3 80mv

Allowed values	- 0, 1, 2 or 3
Keys	- PRINT - setting - F - confirmation and go to the next parameter

5.8. Set the Maximum capacity

Indication	- dividE
Application	- to set the maximum weighing capacity plus over-range
Allowed divisions	- maximum 60.000 + 9 x e (set the max weight+9 divisions for over-range)
Keys	- PRINT - setting - TARE - choice of digit - F - confirmation and go to the next parameter

5.9. Set value of calibration weight

Indication	- PAterN
Application	- to set the weight value for the calibration weight
Allowed values	- maximum 60.000 d
Keys	- PRINT - setting - TARE - choice of digit - F - confirmation and go to the next parameter

5.10. Set value of increment weight during linearity correction

To set the weights to be used for linearity correction. Not usually used if $n < 10000$ divisions. There can be a maximum of 6 steps including the maximum capacity of the scale. For example for a 12Kg x 1g scale a reasonable linearity increment is 5kg. That is, the linearity will be checked at 5kg, 10kg and 12kg.

Indication	- STEP	
Application		- to set value of step in weight. Max 6 steps.
Keys	- PRINT	- setting
	- TARE	- choice of digit
	- F	- confirmation and go to the next parameter

5.11. The display will show “dAC” briefly then the display will show the number of divisions from the transducer

Indication	- 2349 typical value from 500 to 20000.
Keys	- TARE - continue to calibration section

If the value is not in the range shown, or it is not stable then recheck the load cell wiring. In general the value will increment about 6000 divisions for 1mv input.

For example if the scale uses one load cell at about 60% of load cell capacity, (say a 20kg load cell (2mv/v) set for 12kg scale), you would expect the input signal to be about $12\text{kg}/20\text{kg} \times 2\text{mv/v} \times 5\text{V excitation} = 6\text{mv}$. This is about 36,000 divisions.

At this point the full capacity of the scale should be loaded to ensure that the load cell input signal is too great for the A-D range.

If the value decreases then check polarity of load cell wiring or load cell orientation.

If the value increases but goes over range and locks on a display of “ 00 “, then the initial parameters should be set again but with an increase of 1 to the “VOL” parameter.

Continue to the calibration section by pressing TARE.

6. CALIBRATION

Indication - **CALIBR**
Application - to calibrate the scale

Remove all weight from the platform.

Press PRINT and the display will show **noCAL** while the scale is measuring the initial mass (pan must be empty).

Then the display will show **LOAD xxx** where the xxx is the calibration weight required.

Place the weight on the platform then Press **PRINT** – display will show **CAL** then (after calibration) **unLoAd**.

Remove the calibration weight – the scale will go to the linearity section.

7. LINEARITY

During linearity correction you can choose to skip the procedure, set new linearity corrections using the weights incremented as set in 5.11 above or use the old linearity correction. If the scale is 10000 divisions or less the linearity is not usually required.

Indication	- CorLin	
Application	- linearity correction	
Keys	- TARE	set linearity correction to zero
	- PRINT	set new linearity correction. Display will show what masses should be put on.
	- F	save the old linearity correction.

The scale will then advance to the users' functions.

8. ENABLE or DISABLE USER FUNCTIONS

The following user functions can be enabled or disabled as required. If the function is disabled it is not seen when the user presses the F key to advance through the available functions.

- a) PCSu - Parts counting mode
- b) STEu - Check-weighing mode
- c) STAu - Stability criteria
- d) rEPu - Automatic printout
- e) toPu - Hold maximum reading
- f) nEu - Measure in Newtons
- g) Aveu - Averaging of readings
- h) bodu - Baud rate
- i) T1u - Automatic turn off
- j) Aut u - Auto zero disable
- k) BLu - Backlight Control

Each function can have the value 0 or 1. If the value of the function is 0 then it is available for the user. If value of the function is 1 then it is not available to the user.

When the name of the function is displayed, press PRINT to set its value. Use the F key to confirm and go to the next.

When the last function is set the balance will show “-tEst-“ then return to normal operation.

9. USER CALIBRATION and FUNCTIONS

The following procedure is a shortcut to setting the calibration of the scales.

To enter the Calibration Menu press the Internal Calibration key while the scale is operating normally. The display will show the values from the A/D converter.

Press **PRINT** to continue to the calibration section or press the **F** key to go to linearity section.

9.1 CALIBRATION

The scale will tell you to place a calibration weight on the platform. The value of the calibration weight will be shown. For example "LOAd" " 2000kg".

Place the calibration weight on the platform then press **PRINT** again.

The scale will calibrate and then instruct you to take the weights off, "unLOAd".

Remove the weights. The scale will advance to the Linearity Section.

9.2 LINEARITY

The display will show "CorLin" for the linearity setting section. You have the option of doing one of the following:

- Press On/Off to turn off the scale. Linearity is not set.

- Press PRINT to set a new linearity correction.

- Press TARE to set the linearity correction to all zero, no correction.

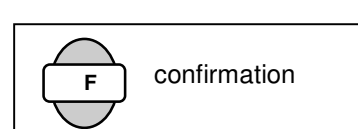
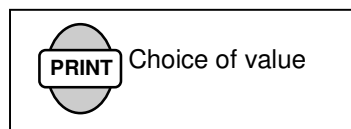
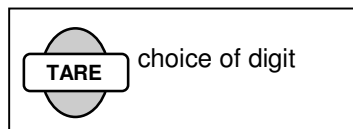
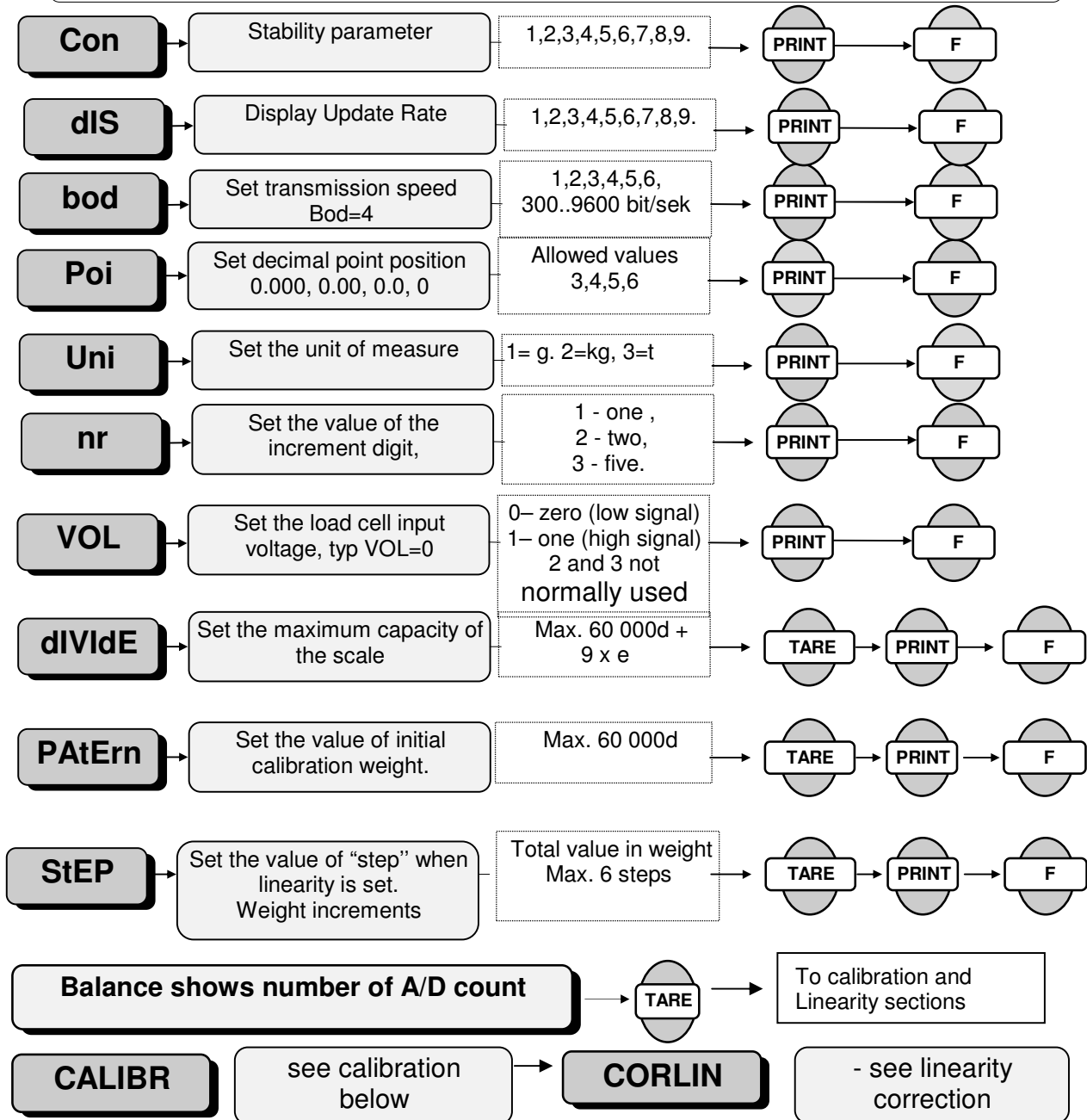
- Press F to keep the old linearity correction.

IF PRINT is pressed the display will tell you to place calibration weights on the scale, after each weight is placed and becomes stable the next weight will be shown. When "UnLOAd" is shown remove all weights.

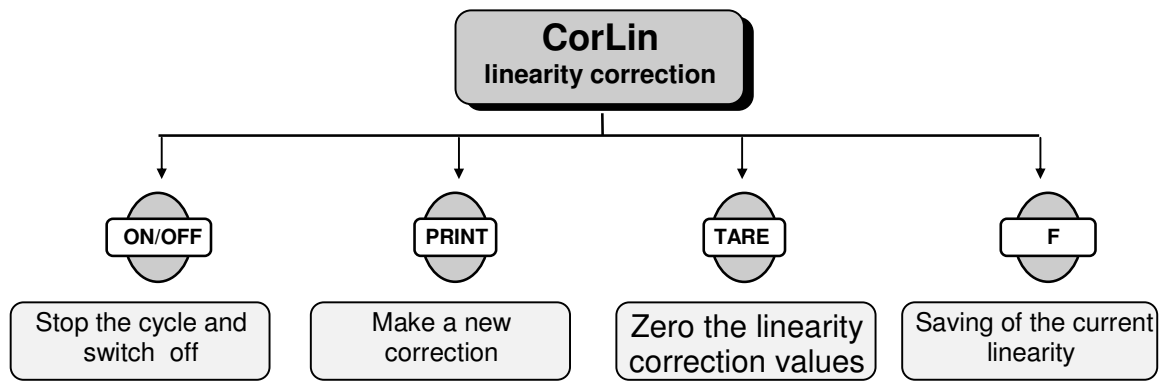
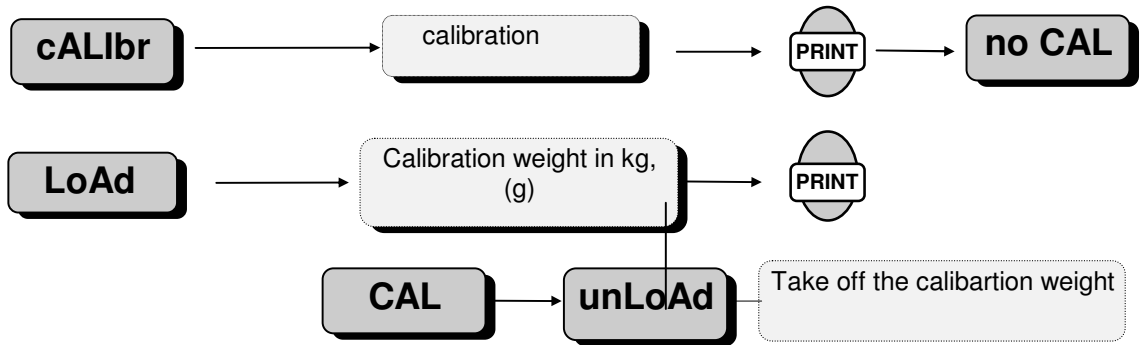
The scale will advance to the user functions enable menus. See Section 8.0 for the details of these functions.

AE106 Initial Parameters Factory setups - program LAT119

Press and hold the internal calibration switch. Press ON/OFF to start.



**LAT 119 - CALIBRATION , LINEARITY CORRECTION,
Declare user's function**

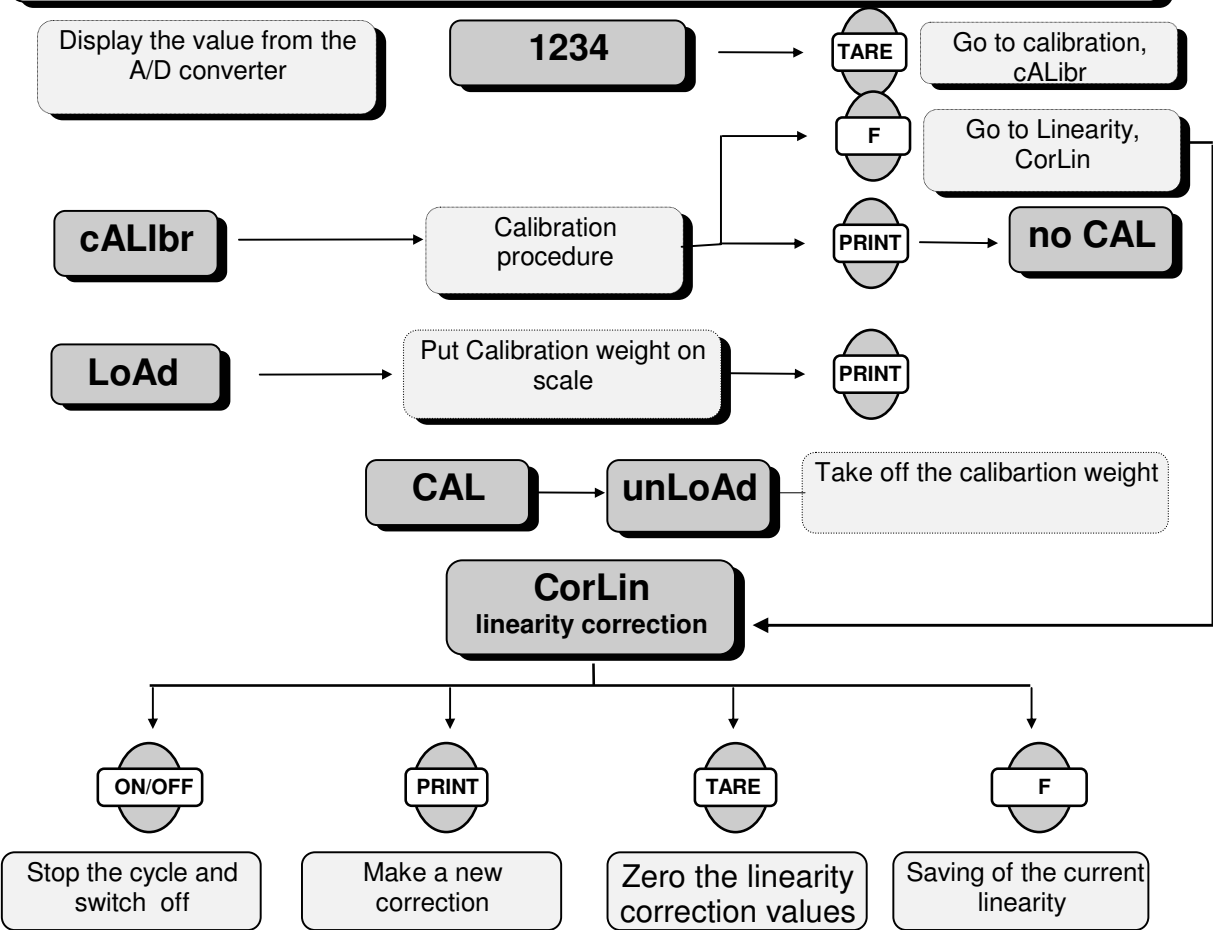


Set the parameters of parameters allowed into user's menu

PCSU 1	1 – Parts Counting disabled	
STEU 1	1 - Checkweighing disabled	
STAU 1	1 - stability symbol disabled	
REPU 1	1 - automatically print disabled	PRINT (button) → 0 - enabled 1 - disabled
toPU 1	1 – Max Lock Disabled	
nEU 1	1 – Newtons mode disabled	F (button) → Confirmation and pass to the next function
AvEU 1	1 – Averaging mode disabled	
bodU 1	1 – baud rate disabled	
T1U 1	1 – Auto turn-off disabled	
AutU 1	1 – Auto zero disabled	
BLU 1	1 – Black light disabled	

AE 106 USER PARAMETER MENU- program LAT119

Press the Internal Calibration Switch while the scale is operating normally.



Set the parameters of parameters allowed into user's menu

PCSU 1	1 - Parts Counting disabled	
STEU 1	1 - Checkweighing disabled	
STAU 1	1 - stability symbol disabled	
REPU 1	1 - automatically print disabled	PRINT →
toPU 1	1 - Max Lock Disabled	
nEU 1	1 - Newtons mode disabled	F →
AvEU 1	1 - Averaging mode disabled	
bodU 1	1 - baud rate disabled	
T1U 1	1 - Auto turn-off disabled	
AutU 1	1 - Auto zero disabled	
BLU 1	1 - Black light disabled	

0 - enabled
1 - disabled

Confirmation and pass to the next function

