



Baxtran XTA Retail Scale User Manual

[Home](#) » [Baxtran](#) » Baxtran XTA Retail Scale User Manual 



**XTA / XTA-P
XTA Retail Scale
User Manual**



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Contents

- 1 PRECAUTIONS
- 2 INTRODUCTION
- 3 SPECIFICATIONS
- 4 INSTALLATION
- 5 KEYBOARD & DISPLAY
- 6 OPERATION
- 7 PARAMETER
- 8 CALIBRATION
- 9 RS 232 OUTPUT
- 10 ERROR CODES
- 11 Documents / Resources

PRECAUTIONS



WARNING

DISCONNECT ALL POWER TO THIS UNIT BEFORE INSTALLING, CLEANING, OR SERVICING. FAILURE TO DO SO COULD RESULT IN BODILY HARM OR DAMAGE THE UNIT.



CAUTION

- PERMIT ONLY QUALIFIED PERSONS TO SERVICE THE INSTRUMENT
- BEFORE CONNECTING OR DISCONNECTING ANY COMPONENTS, REMOVE THE POWER.
- FAILURE TO OBSERVE THESE PRECAUTIONS BODILY HARM OR DAMAGE TO OR DESTRUCTION OF THE EQUIPMENT.
- The price computing scale is a precision electronic instrument, handle it carefully.
- Do not install the scale in direct sunlight.
- Verify the local voltage and receptacle type are correct for the scale.
- Only use original adaptor, other could cause damage to the scale.
- Pluggable equipment must be installed near an easily accessible socket outlet.
- Avoid unstable power sources. Do not use near large users of electricity such as welding equipment or large motors.
- Avoid sudden temperature changes, vibration, wind and water.
- Avoid heavy RF noise.
- Keep the scale clean

INTRODUCTION

- XTA & XTA-P scales are very compact, reliable, high accuracy and much stable.
- It uses 15mm LCD display with LED backlight, with the different back light operation,
- Weighing unit conversion /kg and /100g and change function.
- 20 membrane keyboard
- 10 indirect PLU, it can store 10 unit price values
- Auto unit price clear operation (SAVE function)

SPECIFICATIONS

3.1. GENERAL SPECIFICATIONS

MODEL	XTA / XTA-P		
Display	15mm LCD Display with white LED back Light		
Gross weight	4.1 kg (XTA) / 4,5kg (XTA-P)		
Capacity	3/6kg	6/15kg	15/30kg
Readability	1/2g	2/5g	5/10g
Max. Divisions	2 x 3000e		
Weighing Units	kg		
Pan size	204 x 263 mm		
Housing	ABS plastic and stainless steel pan		
Operation Temperature	-10°C — +40°C		
Stability Time	1 seconds typical		
Power	AC switching adaptor 12V/500mA. Rechargeable battery 6V/4Ah		
Keypad	20 keys		
Zero range	0mV-5mV		
Signal input range	0-15mV		
ADC	Sigma delta		
Internal counts	600,000		
ADC update	Max. 60 times/second		
Load cell drive voltage	Max. 5V/150mA		

INSTALLATION

UNPACKING

Carefully take the scale out of its package, make it sure its not damaged and all accessories are included.
Accessories:

1. Scale

2. Power Adaptor
3. Stainless steel pan
4. Product manual

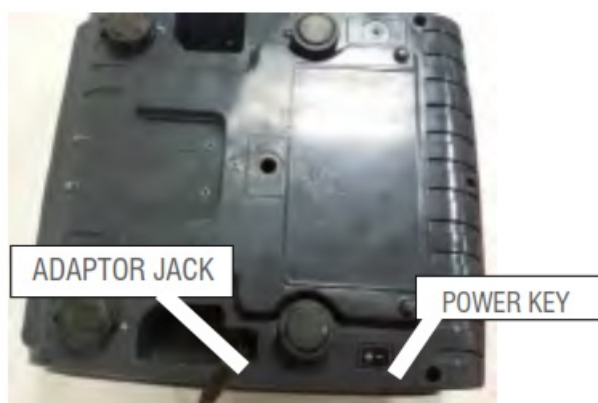
Keep the packaging material for your future use.

LEVEL ADJUSTING

Place the scale on a table.

Check the water mark. If bubble is not centered, adjust the leveling feet until reach centre. Check the level when you change the location.

CONECT ADAPTOR



- To charge the battery insert the adaptor pin to jack. Adaptor simply plug into the mains power.
- The scale no needs to be turned on.
- The battery should be charged for 4 hours for full capacity.
- On the right side of the display there is an LED to indicate the status of battery charging. When the scale is plugged into the mains power he internal battery will be recharged. If the LED is green, the battery has a full charge. If it is red, the battery is nearly discharged and if yellow, the battery is being charged.
- Do not use any other type of power adaptor than the one supplied with the scale.
- Verify that the AC power socket outlet is properly protected

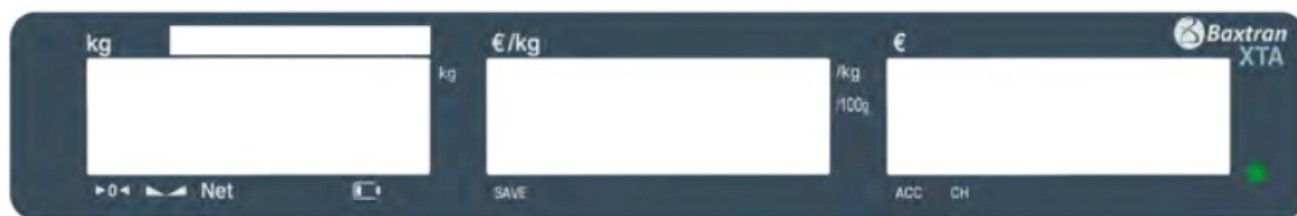
Note: Please charge the battery before using the scale for the first time.

KEYBOARD & DISPLAY








KEYS	PRESS THIS KEY TO
	Numeric Keys, enter unit price I PW: In setting mode, press numeric keys to enter parameters setting.
	Clear incorrect entries and error conditions.
	Being set unit price in fix mode. press the key to input double zero: being set unit price in flo at mode. press the key to input decimal point.
	Returns the display to zero if the weight on the pan is inside the metrological limitation. In parameter settings, to escape from the menu.
	Subtracts the tare values, change to gross to net mode and enter parameter settings.
	Activate/ deactivate the SAVE function.
	Used to store or recall unit price. In parameter setting mode, used to scroll down the menu.
	Without function.
	Without function.
	Used to change unit (kg/100g).
	Whiteout Function.

DISPLAY OVERLAY



DISPLAY SYMBOLS

BATT 	Battery indicator. When it's illuminated, battery should be recharged.
Net 	Net weight.
Stable 	Stable indicator. When it's illuminated, the scale is stable.
Zero 	Zero indicator. When it's illuminated, the scale is in zero point.
/Kg or /100g	Kilogram or 100g mode.
SAVE	Save indicator.
CHARGE 	Battery charging indicator
CH	Check out indicator

OPERATION

INITIAL START-UP


Warm-up time of 15 minutes stabilizes the measured values after switching on.

6.1 POWER ON/OFF

Power switch is located below the right side of the scale. Switch on the scale by pressing on/off. The display is switched on and the self test is started. If you want to switch off press again the key.

6.2 ZERO



Environmental conditions can lead to the balance exactly zero in spite of the pan not taking any strain. However,

you can set the display of your balance to zero any time by pressing  key and therefore ensure that the weighing starts at zero if the deviation is inside metrological margins.

6.3 TARE

The weight of any container can be tared by pressing  key, so that with subsequent weighing the net weight of the object being weighed is always displayed.

PROCECTURE:

- Load weight on the pan.
- Press  key. Zero is displayed, and tare is subtracted.
- Remove weight from the platform. Tared weight is displayed. It can set only one tare value. It can display with a minus value.
- Press  key. Zero is displayed, tare weight is cleared.

6.4 WEIGHING GOODS

- Place goods to be weighed on the platform.
- Wait few seconds for stability display.
- Read the result.
- Avoid overloading. When display appears “ol” reduce the load or unload.

6.5 UNIT PRICE SETTING

- Make sure platform is empty and display is zero

Weight	0 000
Unit price	0 000
Total price	0 000

- Place goods to be weighed on the platform.

Weight	0 175
Unit price	0 000
Total price	0 000

- Enter the unit price by pressing numeric keys. Total price will be calculate automatically.

Weight	0 175
Unit price	5 000
Total price	0 88

6.6 UNIT PRICE MEMORY

XTA & XTA-P can store 10 unit price values. It can select from 0 to 9 numeric keys.

SAVE TO MEMORY

- By pressing numeric keys enter the unit price, for example, 10.

Weight	0000
Unit price	10
Total price	0

- Press and hold *PLU*, display will be shown.

Weight	SAVE
Unit price	POS
Total price	PS 0-9

- Press numeric key 0 to 9 to select location. If want to select to numeric key 1, press 1.c

Weight	PLU
Unit price	
Total price	SAVED

Unit price 10 saved into numeric key 1.

RE-CAL UNIT PRICE

When you want to weigh using stored unit price weightment.

- Press *PLU*, display will be shown

Weight	LoAd
Unit price	POS
Total price	PS 0-9


- Press the numeric key, which you stored in 0 to 9. If want to use stored in 1, press 1.
- Display will show, the unit price stored.

Weight	0000
Unit price	10
Total price	0


- Place the weigh on the platform, total price will be calculate automatically.

6.7 BACK LIGHT

XTA & XTA-P have an option to choose the back light operation.

- Being in normal weighing mode, press and hold  . Key until to show the display


Weight	bl SET
Unit pice	mode
Total price	AUTO

- Press the  key to change the settings back light display mode to Auto / Manual /Off.

DISPLAY	DESCRIPTION
<i>BLSET mode AUTO</i>	Backlight will be turned on, when start to use or when weight is not in zero.
<i>SET BL MODE ON</i>	Backlight stays on permanently.
<i>SET BL MODE OFF</i>	Backlight function will be turned off



6.8 AUTOMATIC UNIT PRICE CLEAR (SAVE)

XTA & XTA-P can set automatic unit price clear.


- Press  key to turn on or off to save indicator.
- When save indicator on, unit price appear after return to zero.
- When save indicator off, unit price will be clear automatically.

PARAMETER

7.1 PARAMETER SETTINGS ENTER INTO THE MENU

- Turn on the scales. Press and hold  key during the self test.
Display will show “*P.in*” briefly PIN is activated. Press the *P.in* number to get into the parameter menu.
- The default PIN number is “0000”.
- Press numeric key 0 four times, display will be shown *Pn - - - -*
- Press  key to confirm, it will enter into the parameter settings and will to show “*FOCAL*”


ENTER TO SELECTED MENU

- Press , for to confirm and access to displayed parameter.


SELECT THE MENU

- Press  or  for to choose menu.

RETURN TO WEIGHING MODE

- Press  for to escape from the menu and exit to weighing mode

ACTIVE PARAMETER

 Press CAL switch to enable metrological parameters for to access and change them. CAL switch is locating bottom of the scale.

You need to break metrological seals for to press cal switch. With this action you will loose scale verification.



7.2 PARAMETER MENU

MENU	SUB MENU		DESCRIPTION
<i>FO CAL</i>	Calibración		
<i>F 1 r ES</i>	<i>3000</i> <i>6000</i> <i>dUAL - r</i> <i>dUAL - r</i>		Set external resolution
<i>F 2 CAP</i>	<i>3KG</i> <i>6KG</i> <i>15KG</i> <i>30KG</i>		Set scale capacity

<i>F 3 PDEC.</i>	<i>0</i> <i>0. 0</i> <i>0. 00</i> <i>0. 000</i> <i>0. 0000</i>	Set Price Decimal Point
<i>F 4 PdESC</i>	<i>FE</i> <i>FLoAT</i>	Set unit Price to FIX or FLOATING
<i>F 5 SPEED</i>	<i>SLOW</i> <i>MEDIUM</i> <i>FAST</i>	To select A/D speed
<i>F6 Min coin</i>	<i>1 2 5 0</i>	Select minimum coin
<i>F7 SCSIVE</i> <i>Tare</i>	<i>ON</i>	Multi – Tare function ON
	<i>OFF</i>	Multi – Tare function OFF.
<i>F8 ISN</i>	This display will show XXXXX for indicating the internal counts.	
<i>F9 Gra</i>	To set your local gravity value.	
<i>F 10 Reset</i>	Factory default settings	


		The scale RS232 protocol will be determined by the Baud & Pr settings	
		oFF	RS232 function disable
		Con	Continues data transmission
		C	Stable data transmission (sending continue frame)
		oLE do	Protocol type 1: Toledo
		nC iE Cr	Protocol type 2: NCI-ECR
		nC i En	Protocol type 3: NCI-General
		EC	Protocol type 4: TEC
		EA Y	Protocol type 5: Easy Weigh

F 11r5232	Model	pv0	ra e	7PV-a	Manuafi Command Con in	Protocol type 6 : TPV0	
				7PV-🍏	Manuafi Command Con in		
		7PV 2A		Protocol type 7 : TPV 2A			
		7PV 2b		Protocol type 8 : TPV 2B			
		7PV 4		Protocol type 9 : TPV 4			
		7PV 7		Protocol type 10 : TPV 7			
		7EdC 1		Protocol type 11 : TED C1			
		Tisa A		Protocol type 12: TISA A			
		Tisa B		Protocol type 13 : TISA B			
		Tisa v		Protocol type 14 : BD TISA			
	baud	1200 - 2400 - 4800 - 9600 - 9200 - 38 400 - 115200 Transmission speed					
	Pr	8n 1 7E 1 7o 1	8 data bits, no verify, 1 stop bit				
			7 data bits, Even verify, 1 stop bit				
			7 data bits, Odd verify, 1 stop bit				
F 12 TrAnSm TYPE	Model	Comman	Activate comman mode				
		Manual	Activate manual mode				





CALIBRATION

Turn on the scale. Keep pressed  key during the self test.

Display will show “*P_{in}*” briefly PIN is activated. Press the PIN number to get into the parameter menu.

- The default PIN number is “0000”
- Press numeric key 0 four times, display will be shown *P_n - - - -*
- Press  key to confirm, it will enter into the parameter settings and will to show “*FO CAL*”.

Then press the calibration switch to access to calibration.

- Press key to confirm for calibration, display will be show “*UNLOAD*”
- Remove the goods from the platform and make sure STABLE indication has been enable.
- Press key  to confirm.
- Display will be show , *CAP LoAdXX*.
- If necessary change the calibration weight value by pressing  key and place the calibration weight on the platform.
- Press  key to confirm when display gets stable, display will be show *PASS*.
- Finished calibration and display will come to FO CAL.
- Remove calibration weight from the platform.
- Press  key for to go back to the weighing mode.

RS 232 OUTPUT

1. SPECIFICATIONS:

RS-232 output of weighing data

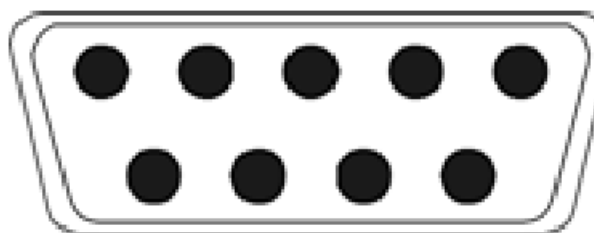
SCII code

1200~115200 Baud

8 data bits

No Parity

2. RS-232 (9PIN D TYPE CONNECTOR)



Pin 2	RXD	Input	Receiving data
Pin 3	TXD	Output	Transmission data
Pin 5	GND	–	Signal ground

9PIN D CONNECTER:

Scale	Computer
Pin 2	Pin 3
Pin 3	Pin 2
Pin 3	Pin 5

3. CONTINUOUS & STABLE OUTPUT PROTOCOL

“CONT”:

S	T	,	G	S	:	–	+/-							k	g	CR	LF
-HEADE R 1-			-HEADER 2-					– WEIGHT DATA –						-WEIGHT UNIT-		-TERMIN ATOR-	

4. COMMUNICATION PROTOCOL

The XTA & XTA-P scale has the following protocols, accessible from the R232 menu:

Toledo

NCI – ECR

NCI – General


TEC

Easy

POS

ERROR CODES

Documents / Resources

	<p>Baxtran XTA Retail Scale [pdf] User Manual XTA, XTA-P, XTA Retail Scale, Retail Scale, Scale</p>
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Manuals+.