4 CHANNEL TONE LINK METER

DETAILED SETUP INFORMATION

To enter setup mode press and hold **SELECT** while turning meter on.
The meter settings which can be changed will cycle through, press **SELECT** to select the setting to be changed, unless noted below press **SELECT** to exit the setting.
Unless noted below use ▼▲ buttons to set.

CYCLE TIME: set channel cycling time in seconds. (Factory set to 5 seconds)

DISPLAYED INCREMENTS: 100Kg, 50Kg, 20Kg or 10Kg, 50Kg recommended for a balance between accuracy and stability. (Factory set to 50 Kg)

ACTIVE CHANNELS: sets the number of active channels required for your application, (Factory set to 2 Channels)

CYCLE SEQUENCE: this allows a cycle sequence of your choice to be recorded. This should be done after setting **Active Channels.** If you wish to continue press ▲ if not press▼. Select channel(s) using channel buttons then press **SELECT,** repeat until full cycling sequence has been recorded then press **SELECT.** It helps to write the sequence on paper before attempting to record it. Eg: **A   B   C   BC   ABC**
Only active channels can be include in cycle sequence
(Factory set to A B AB)

REMOTE TYPE: Selects the correct data output to suit the remote being used, Pacific Remote or Android Phone. Use **A** button to change. (Factory set to Pacific Remote)

DATA TIME: This sets the time interval between transmissions of data, can be set from 1- 60 minutes. If data time is set to zero then data will not be transmitted at regular intervals. Data is always transmitted 5 seconds after switch on and whenever a ticket is printed. Data can be requested by pulling the **DATA IN** connection high (5-12 volts).
The format is shown below.

```
/
A        : -   250 Kg
B        :   9910 Kg
C        : -   210 Kg
D        : -10400 Kg
TOTAL:  19850 Kg
\
```

The data is sent as logic level ASCII code   2400 baud, 8 bits, 1 stop bit, no parity.

Some changes to the timing and format of the data may be possible to suit customer requirements.

LIMIT CHANNELS: This sets the channels to be included in the sum of weight to be compared to the limit set point. Use channel selection buttons to select channel (channel letter will flash) then press +.

Limit: Sets the limit set point value, limit output is open drain to ground (2 Amp Max) and will pull low when weight exceeds set point value.

PRINTER SETUP

TIME: Sets time, use right arrow or cycle button to move between minutes and hours.

DATE: Sets date, use right arrow or cycle button to move between day, month or year.

TIME ZONE: Sets the time zone appropriate to your area. If **NONE** is set then no time zone will be printed on ticket.

HEADER:
ID:

A keyboard and adapter can be used to enter **Header** & **Id** information.
The keyboard Esc key is used to exit operation.
*If **Header** or **Id** routine is entered without a keyboard present it will be necessary to turn meter off to exit setup.

PRINTER TYPE: Select between Epson or EscPos type. Use **A** button to change.

EXIT PRINTER SETUP: by pressing **SELECT.**

EXIT SETUP: Pressing **SELECT** returns meter to normal operation.
 While meter is in setup mode the tone link green light remains on, this can be useful while looking for cable faults.

CALIBRATION

To adjust Tare or Span push and hold the channel button until meter enters calibrate mode. Pushing **SELECT** button toggles between **TARE** and **SPAN**, use up, down arrow buttons to adjust. While in calibrate mode the **POWER** button acts as a **TEST** button, giving a test number relative to channel calibration. Always adjust **TARE** when empty and **SPAN** when loaded. To exit calibrate mode push channel button. Due to the interaction of the Tare and Span adjustments it may take more than one attempt to get the scales to read exactly to the weigh bridge.

If the scales become a long way out of calibration it may be helpful to put the calibration back to factory setting, this can be done by holding the print button while turning the meter on, then press channel button to reset channel, press **SELECT** to exit.

NOTE: This information is current as of April 2017 and applies to firmware version 2:3:0:A.
Older meters may not have all the settings or features as described above.
Contact Pacific Scales for more information, in most cases older meters can be upgraded to the current version.