



## MEMO

No:

### User manual extract – Bluetooth chapters

Date:

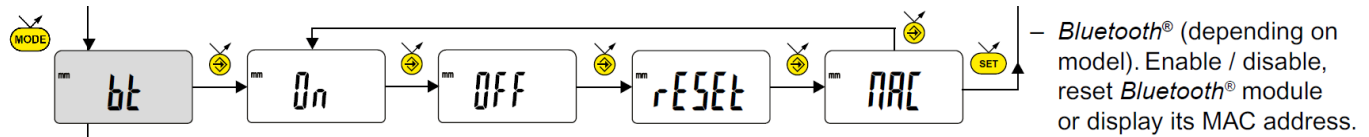
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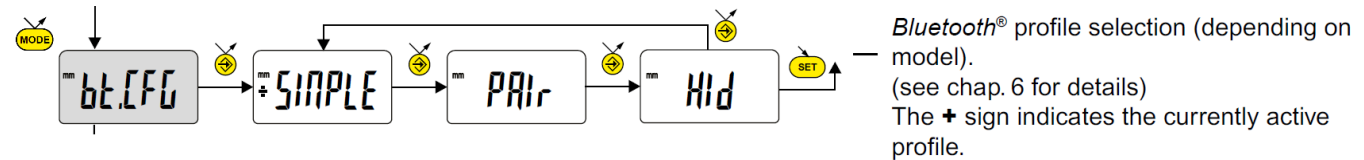
ROP

# SYLVAC

Basic menus :



Advanced menus :



## 6. Bluetooth  configuration

The connection procedure has been designed to be simple and is signalled by the following three states:

- Symbol off ..... disconnected mode
- Symbol ..... advertising mode
- Symbol on ..... connected mode

The following options can be selected to control the *Bluetooth * module.

- On** Enable *Bluetooth * module (start advertising mode).
- OFF** Disable *Bluetooth * module (terminate active connection).
- rESEt** Clear pairing information.
- MAC** Display the MAC (Media Access Control) address.

Three Bluetooth  profiles are available.

- SIMPLE** Profile without pairing (default).
- PAIr** Paired and secured profile.
- Hid** Virtual keyboard mode (compatible with recent equipment without driver installation).

### Note:

- *Bluetooth * pairing information is cleared when the profile is changed.

### Connection :

- 1 Activate *Bluetooth * compatible software and hardware (Master : PC, Display Unit).
- 2 Start the instrument. By default the *Bluetooth * module is active and the instrument is available for connection (advertising mode).
- 3 If no connection is established during the advertisement period reactivate the *Bluetooth * module using the **bt** / **On** menu.
- 4 Instrument is ready to communicate (connected mode.)

### Only with paired profile :

Pairing with master is automatically done at first connection.

To connect the instrument to a new master (new pairing), pairing information on the instrument must be cleared using the **bt** / **rESEt** menu.

## 6.1 Bluetooth  specifications

Frequency Band	2.4GHz (2.402 - 2.480GHz)
Modulation	GFSK (Gaussian Frequency Shift Keying)
Max Output Power	Class 3: 1mW (0dBm)
Range	Open space: up to 15m Industrial environment: 1-5m
Battery life	Continuous : up to 2 months - Always connected with 4 values /sec. Saver : up to 5 months - The instrument sends value only when the position has changed. Blind/Push : up to 7 months - Value is sent from the instrument (button) or requested from the computer.