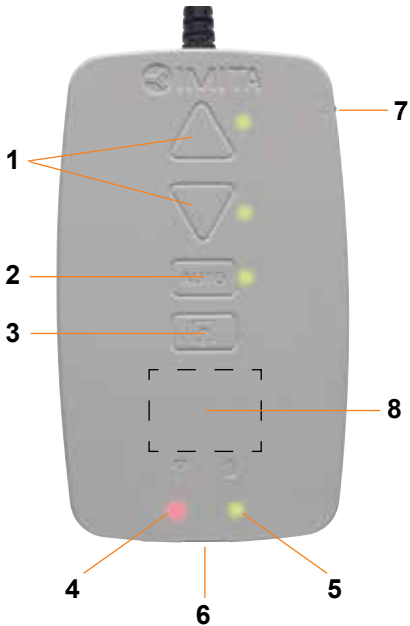**IMI**

IMI TA

TA-Dongle
Quick Guide

EN

TA-Dongle

1. UP key: Moves actuator UP.
   DOWN key: Moves actuator DOWN

2. AUTO key: Changes MANUAL mode to AUTO and the inverse

3. CONFIG key: Uploads the saved configuration to several identical actuators or downloads the current actuator configuration

4. LED for Bluetooth connection indication

5. LED for battery level indication

6. Micro USB connection for recharging the battery*

7. ON/OFF button (press 3 seconds to start/stop)

8. HARD-RESET zone

9. Strap to avoid undesired disconnection from actuator when suspended

10. Cable with micro USB connection to connect to the TA-Slider actuators

*) The internal battery of the TA-Dongle supplies energy to allow configuration of all TA-Slider models even if they are not connected to a power supply. In addition, the battery enables calibration and USB override of unpowered TA-Slider 160 and TA-Slider 500.

TA-Dongle + TA-Slider

Setting

Setting/operation/function via the HyTune app

- iOS version 8 or later (iPhone 4S or later)
- Android version 4.3 or later and Bluetooth 4.0 or later

Download on the **App Store**

ANDROID APP ON **Google Play**

Keys and LEDs

Remark: All LEDs (except Bluetooth connection LED and battery level LED) are off when the TA-Dongle is connected to the HyTune app.

UP & DOWN keys (in MANUAL mode)

UP key
If touched once, the actuator drives to fully retracted position.
If touched twice, actuator stops.

DOWN key
If touched once, the actuator drives to fully extended position.
If touched twice, the actuator stops.

Touching the UP & DOWN keys simultaneously for 2 seconds initiates the calibration.

LEDs

Actautor status	LED(s)	Blinking
Retracted position	UP LED	—• —• —•
Extended position	DOWN LED	•— •— •—
Intermediate position	UP & DOWN LEDs	— — — —
Moving up	UP LED	• • • • • • • • •
Moving down	DOWN LED	• • • • • • • • •
Calibrating	UP & DOWN LEDs	• • • • • •

Useful hint
For easier dismounting and remounting of the TA-Slider 160 on a valve, touching the UP key for 2 seconds* forces the actuator to leave the stem of the valve to go to its own fully retracted position.

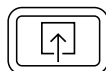*) When the actuator has reached the retracted position.

AUTO key

AUTO

Touch to go from AUTO to MANUAL mode and the inverse.

LEDs

Status	Colour/Blinking
AUTO mode (UP & DOWN keys are <u>NOT</u> functional)	Steady green
MANUAL mode (UP & DOWN keys are functional)	Steady red

CONFIG key

1. Touch the key for 2 seconds to enter CONFIG mode. This mode stays active for 5 seconds and can be identified by CONFIG, UP and DOWN LEDs flashing short green pulses.
2. Then, touch the UP key for 2 seconds to upload the saved configuration to the actuator. Or touch the DOWN key for 2 seconds to download configuration from the actuator.
3. CONFIG and UP LEDs displayed in green for 2 seconds = successful upload. CONFIG and DOWN LEDs displayed in green for 2 seconds = successful download. In case of upload/download failure, same LEDs are displayed in red for 3 seconds.

Battery level LEDs

Battery level	Colour/Blinking
Above 30%	Steady* green
Between 30 and 15%	Steady* orange
Below 15%	Steady* red
Below 5%	Red — — —

*) Short pulses when charging

When the TA-Dongle battery has been left deeply discharged for a period of time, the first 15 minutes of charging no LED blinking will be visible.

Bluetooth connection LEDs

Bluetooth	Colour/Blinking
Connected to the HyTune app	Steady green
Not connected	Steady red

HARD-RESET function

A hard reset function is available if the TA-Dongle is not responding. Apply a magnet to the resetting zone described on page 2 during 5 seconds and remove it, while having the TA-Dongle in charge. This will hard-reset the TA-Dongle.

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