



# ARLYN UPSCALE – QUICKSTART GUIDE

A1225

## USER MANUALS & SOFTWARE

Instructions, Wiring Diagrams, Datasheets & Extra Features: <http://www.arlynscales.com/Product-Manuals-Specification-Sheets>

[Arlyn UpScale User Manual – <https://www.arlynscales.com/arlyn-upscale-usermanual/>]

[Arlyn UpScale Parts Counting Manual – <https://www.arlynscales.com/arlyn-upscale-parts/> ] (if equipped)

Various Software, Communication Utilities, Integration, API & AxChange Info: <http://www.arlynscales.com/software-downloads/>

[Arlyn Remote Indicator PC App [30 Day Evaluation] – <https://www.arlynscales.com/remote-indicator/>] (if equipped)

[Arlyn UpScale USB PC App (RS232, USB) – <https://www.arlynscales.com/arlyn-upscale-wired/>] (if equipped)

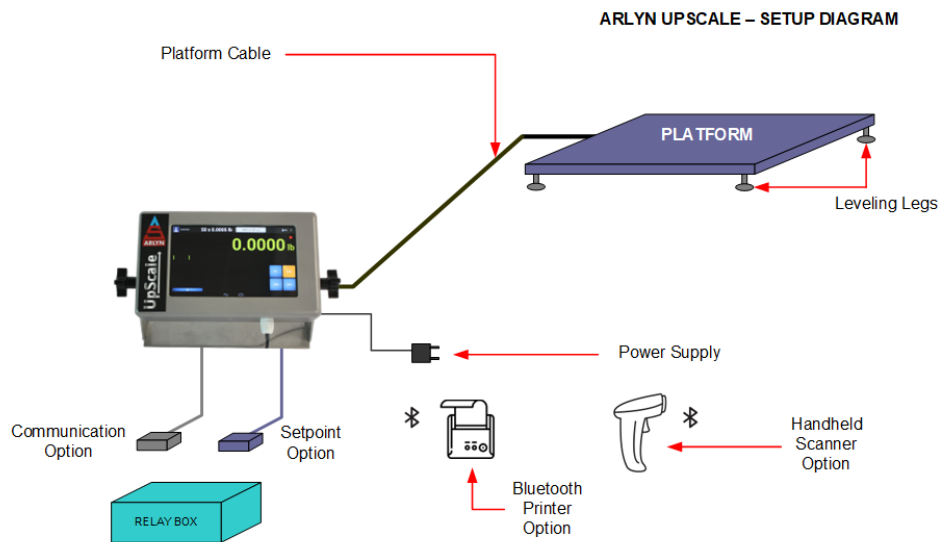
[Arlyn UpScale TCP/IP PC App (Ethernet, Wi-Fi) – <https://www.arlynscales.com/arlyn-upscale-tcpip/>] (if equipped)

[RealTerm (Windows Terminal) for Testing various communication options - <https://sourceforge.net/projects/realterm/>]

## INITIAL SETUP

- 1) Carefully unpack scale parts from shipping carton. Depending on the model of the scale you have, the touchscreen indicator, accessories (e.g. relays) and platform maybe shipped in separate boxes.
- 2) Extend/unscrew the platform's leveling legs. Leveling legs must be adequately extended out and levelled for the scale to function properly.
- 3) Assemble the scale as shown in the diagram below. Depending on the model of the scale. The platform needs to be connected to the indicator through the provided connector (M12 or DIN). M12 cable extensions are available for additional cost.

## SETUP DIAGRAM



**Platform Cable** – Connects the PLATFORM to the INDICATOR through M12 or DIN connector.

**Power Supply** – Connects the INDICATOR to your power outlet. Supplies power to the whole system

**Communication Options** – Connects to your PC/HMI & other peripherals (RS-232, USB, RS-485, Modbus, Ethernet/IP, PROFNET etc.)

**Setpoint Option** – Connects to the Relay Box enclosure or to PLC/HMI for target weight discrete outputs.

**Relay Box** – Contains AC/DC/Coil Relays for actuating your Control System.

**Other Options** – Bluetooth Printer, Handheld Scanner, etc.

## MULTIPLE INDICATORS AND PLATFORMS

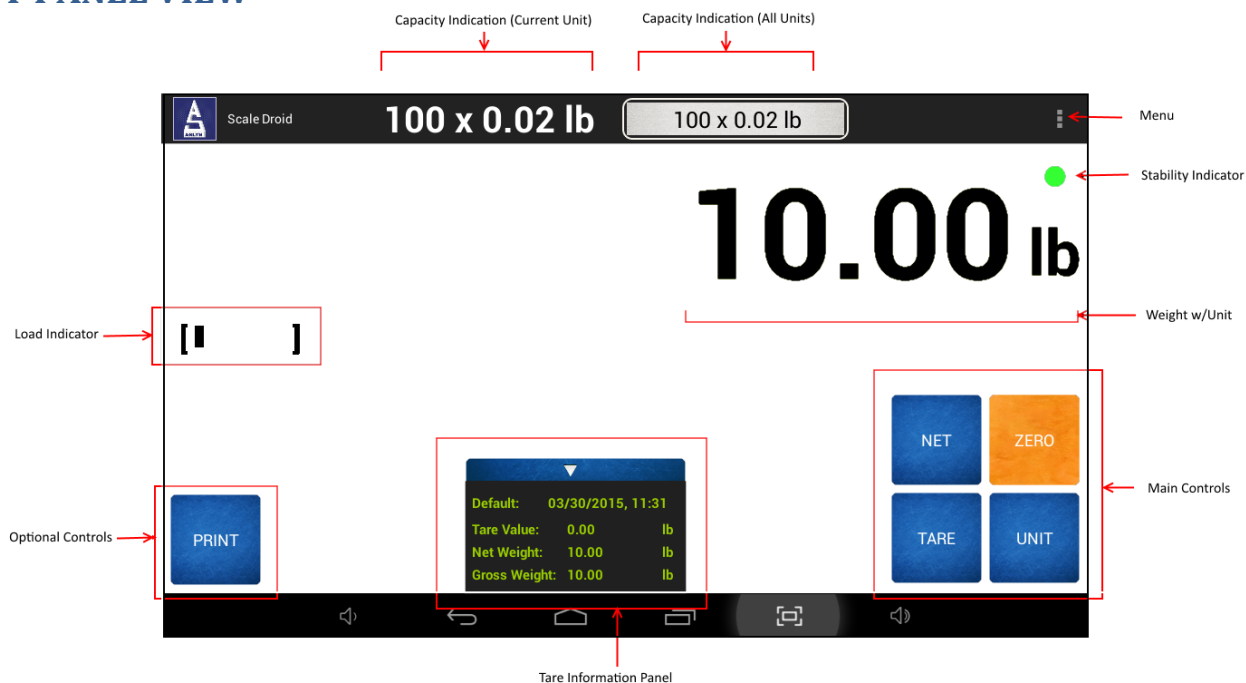
Indicators and Platforms must not be mixed and matched. Each indicator is calibrated towards a particular platform. If you received multiple scales, then each indicator must be matched with its own platform. To do this, match the serial number on the back of the indicator to the serial number on the platform. The platform's serial number is usually located on the side of its frame or under it.

## POWERING UP/DOWN

**Note:** The powering sequence below is for Arlyn UpScale displays with external power buttons - shipped after May 2026. For previous versions (with no external power button) refer to <https://www.arlynscales.com/legacy-scale-support> or contact customer service.

- 4) On the display, plug the USB-C end of the power adapter into the female Type-C slot under the indicator, and the other end into 110-117VAC outlet.
- 5) Several informative indicators may flash on the screen. **Do not touch the power button yet!**
  - a. A message will popup stating: “Hello, your device is charging. Press the on/off button for 3 seconds to power on”.
  - b. Multiple flashes battery indicator will show on the screen as well.
- 6) Once all the messages complete and the screen is blank, press the power button and release immediately!
- 7) The battery icon may flash once again. Wait for a few seconds, and if the tablet does not show anything else, press the power button again, and release immediately. Wait for a few seconds for the scale to state booting. The main Arlyn Scale app will start. Wait until the screen shows “**The scale is ready to use**”. Press the ZERO button to zero the platform.
- 8) To turn off the display, simply press the power button on the side of the display and release immediately. The display will shut off within **5 seconds** after the button press.
- 9) The scale has an internal battery that will keep the scale powered even if there are external power interruptions. The scale will automatically shut off if the internal battery reaches 30% of battery charge. A dialog box will show allowing a 60 second grace period before shutoff.

## FRONT PANEL VIEW



## Indicators (Read Only)

WEIGHT W/UNIT	- Weight on the platform in the current unit setting
CAPACITY INDICATORS	- Shows the capacity of the scale based on the current and all units
STABILITY INDICATOR	- Shows the stability of the weight, based on automatic and user defined filters
NET INDICATOR	- Shows the “net” indicator if in the scale is in net weighing mode
LOAD INDICATOR	- Shows how much load is on the platform relative to its maximum capacity
TARE INFORMATION	- Shows the information of the current tared weight, if any.

## Buttons (Interactive)

MENU	- For Settings and other options
MAIN CONTROLS	- Shows the Main Control panel. Use this panel to perform main operations on the scale.
OPTION CONTROLS	- Shows controls based on the options available on the scale.