

## Armitage Shanks - Sensorflow 21 - Sensor Handunit Programming - Quick Start Guide

Programming Handunit - Part Number F960970NU  
Programmer powers off after 2 minutes of non use

1. Handunit: Turn **[ON]** : ( Ideal Standard V 0.8 )
2. Menu Arrows **[DOWN / UP]**
3. Go to **Menu 4 : PARAMETER** : Enter ↵
4. **Sensor 2013 Version** : [Enter]
5. **Menu 4.1 Hand-Wash** : [Enter]
6. **Auto Rinse = OFF** : [Enter]
7. **Transmission . . .**
8. Set Sensor Range (manually, if required) See Note A

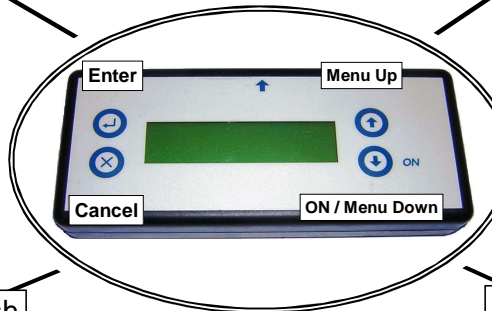
**Default Settings**  
Range: 120mm ( 50 - 250mm )  
Run Time: N/A  
Auto Rinse: OFF

Proximity Taps

Timed Taps

1. Handunit: Turn **[ON]** : ( Ideal Standard V 0.8 )
2. Menu Arrows **[DOWN / UP]**
3. Go to **Menu 4 : PARAMETER** : Enter ↵
4. **Sensor 2013 Version** : [Enter]
5. Down to **Menu 4.2 METERING** : [Enter]
6. Adjust Run Time (**Comf Timeout = Run Time**) : [Enter]
7. **Auto Rinse = OFF** : [Enter]
8. **Transmission . . .**
9. Set Sensor Range (manually, if required) See Note A

**Default Settings**  
Range: 120mm ( 50 - 250mm )  
Run Time: 60 sec ( Markwik )  
( 3, 7.5, 10, 15, 30, 60, 120, 240 ) sec  
Auto Rinse: OFF



1. Handunit: Turn **[ON]** : ( Ideal Standard V 0.8 )
2. Menu Arrows **[DOWN / UP]**
3. Go to **Menu 4 : PARAMETER** : Enter ↵
4. **Sensor 2013 Version** : [Enter]
5. Down to **Menu 4.2 METERING** : [Enter]
6. Ser Run Time (**Comf Timeout = 3.25 sec**) : [Enter]
7. **Auto Rinse = OFF** : [Enter]
8. **Transmission . . .**
9. Set Sensor Range (manually, if required) See Note A

**Default Settings**  
Range: 120mm ( 50 - 250mm )  
Run Time: 3.25 sec  
Auto Rinse: OFF

WC Flush

Showers

1. Handunit: Turn **[ON]** : ( Ideal Standard V 0.8 )
2. Menu Arrows **[DOWN / UP]**
3. Go to **Menu 4 : PARAMETER** : Enter ↵
4. **Sensor 2013 Version** : [Enter]
5. Down to **Menu 4.3 ON / OFF** : [Enter]
6. Adjust Run Time (**Comf Timeout = Run Time**) : [Enter]
7. **Auto Rinse = OFF** : [Enter]
8. **Transmission . . .**
9. Set Sensor Range (manually, if required) See Note A

**Default Settings**  
Range: 60mm ( 50 - 250mm )  
Run Time: 15 sec  
( 3, 7.5, 10, 15, 30, 60, 120, 240 ) sec  
Auto Rinse: OFF

Urinals

1. Handunit: Turn **[ON]** : ( Ideal Standard V 0.8 )
2. Menu Arrows **[DOWN / UP]**
3. Go to **Menu 4 : PARAMETER** : Enter ↵
4. **Sensor 2013 Version** : [Enter]
5. Down to **Menu 4.4 URINAL** : [Enter]
6. Adjust Rinse time as required : [Enter]
7. **Auto. Rinse = 24h** (adjust period as required) : [Enter]
8. **Auto. Rinse = 8 s** (adjust Rinse Time as required) : [Enter]
9. **Transmission . . .**
10. Set Sensor Range (manually, if required) See Note A

**Default Settings**  
Range: 400mm ( 400 - 800mm )  
Run Time: 4 sec  
( 0.25, 0.5, 0.75, 1.0, 1.25, . . . 9.75, 10 ) sec  
Auto Rinse: ON  
Delay = 24 Hrs, Rinse = 8 sec

**NOTE A:** After programming, the Sensor Range will go back to its default (factory) setting. If the range is to be changed, see below . . .

### To Set The Sensor Range

- After Programming and **Transmission OK** is displayed:
- a) While RED light in Sensor is flashing (for 5 seconds) - Place Hand close to sensor (approx 25 mm away).
  - b) When RED light goes SOLID Red (for 5 seconds) - Move Hand to required range, stay until light flashes. [ For a Urinal, when light is Solid, STAND at trigger point ] For Taps etc. Range is from 60 to 250 mm approx. For Urinals only, Range is from 400 to 800 mm approx.
  - c) When Solid Red starts flashing, move away.
  - d) Wait a few seconds and test. Repeat if necessary.

### Handunit Menu Summary:

- Menu 1: Cleaning (Turn off sensor for 60 seconds)
- Menu 2: Disinfection: Run water for 1 to 120 minutes
- Menu 3: Diagnostic - Display Sensor Settings
- Menu 4: Parameter (Change Sensor Settings)
- Menu 5: Language - (Set to English)
- Menu 6: Backlight (Disabled for improved battery life)