

## Easier to Read WS1080/95/Pro-668


### Scanner and Programming/iScan Addendum

Print the front side 8½" x 11" in landscape mode (best quality).  
Flip the sheet and print the back side  
(the long way so the text isn't upside-down on the other side).  
Fold with this page on the outside.  
Trim about ¼" off the outside edges.  
Slip or stick this side to the inside back cover of the Easier to Read Manual.

The **Pro-668** is basically the same radio as the PSR800 but the newest firmware (v2.3) will charge the scanner when connected to the USB cable (only when there is no audio, i.e. not receiving). The backlight is a bit more purplish. The **Whistler WS1080 and WS1095** are essentially the same radios as the PSR800 with a few new differences. There is a new entry in the main menu that allows you to manually program conventional channels plus 5 more entries in the object menu for squelch settings and receive mode (for all conventional objects), an option to change the 'Skip' button function to lockout, and a 4 GB SD card (vs. 2GB). The WS1095 also has rotary control.

### Additions for All

#### A Look at the Display

**D2** shows when a P25 Phase 2 talkgroup is active (with digital AGC On or Off).  
 appears when encrypted audio is being received.

### Additions for the WS1080 and WS1095

#### Settings Menu

**Skip/Skip Button Function** Allows you to set the Skip button to 'Skip' (temporarily lockout) or 'Lockout' (permanently lockout) objects. 'Restore Skipped' in the main menu will restore 'Skipped' objects but not locked out objects.

**Scanner** Press **▶** to select **Skip** or **Lockout**.

**Software** Advanced Features > Button Options > Skip Button Function  
**Skip** or **Lockout**.

#### Program/Edit Frequencies and Talkgroup IDs

**To Program a Conventional Frequency**, from the main menu press **▼** or **▲** to scroll to '**Enter Conv Freq**' then press **SEL** or **▶**.

Press **Skip** to clear the current frequency or **◀** or **▶** to move the cursor then **▼** or **▲** to select each digit to enter the frequency (you can't move the decimal point).

Press **SEL** to enter the menu for the object to finish editing.

#### Scanner Object Menu...

**Frequency** Allows you to edit the frequency of a conventional object.

Press **Skip** to clear the current frequency or **◀** or **▶** to move the cursor then **▼** or **▲** to select each digit to enter the frequency (you can't move the decimal point).

**RX Mode** Allows you to set the receive mode for a conventional object. Default is **Auto**.

Press **SEL** or **▶** to select **Auto**, **AM**, **FM**, or **NFM**.

**SQ Mode** Allows you to set the squelch mode for a conventional object. Default is **Search**.

Press **SEL** or **▶** to select **None**, **CTCSS**, **DCS**, **NAC** or **SRCH** (searches all).

**SQ Search** Turns search on or off when **SQ Mode** is set to **CTCSS**, **DCS**, or **NAC**. Default is **On**.

Press **SEL** or **▶** to check **On**, or uncheck **Off**.

**SQ Code** Allows you to select a squelch tone/code for a conventional object (only when **SQ Search** is **Off**). Default is **Search**.

Press **▼** or **▲** to select the **CTCSS**, **DCS**, or **NAC** tone/code.

**SQ Exclude** Allows you to lock out a squelch tone/code for an object (only when **SQ Search** is **Off**). Default is **Search**.

Press **▼** or **▲** to select the **CTCSS**, **DCS**, or **NAC** tone/code to lock out.

## Additions for the WS1095 Only

- Detachable remote control head with magnet mount
- Speaker jack
  - AC adapter
- Special 6½ ft. LAN cable for remote head
  - DC power cable
- Mounting bracket and hardware kit
- Remote head mounting bracket and screws

**To Detach the Remote Head from the Base Unit**, turn the scanner off then press and hold the release button on the left side of the *base unit*.

Carefully remove it from the base unit. To link the base unit and remote head unit, connect them using the supplied 8P8C Type B LAN Cable.

**WARNING:** Use only the supplied 8P8C Type B LAN cable to connect the remote head to the base unit. Other types of cable including crossover cables may damage both the remote head and base unit.

To reattach the remote head to the base, unplug the LAN cable from both units and align the guide pins on the right side of the remote head with the slots on the base unit and carefully press the remote head into the base unit.

## Using the Rotary Control

**In the Menus**, the rotary control scrolls up and down through the menu items and a single press selects the indicated menu option.

When naming items, the rotary control scrolls up and down the character list then a single press selects the character.

**In Scan Mode**, the default function is volume control.

Pressing the knob once in scan mode temporarily changes it to squelch control.

The ideal setting for squelch level is between 9 and 11.

After 5 (default) seconds of inactivity the knob reverts back to volume control.

**To Change the Default Function** to squelch control, from the main menu press to scroll and select **Settings** then press **▶** or **SEL** to enter the Settings Menu.

Select **SQ** under **Knob Dflt**. Pressing the knob once in scan mode now temporarily changes it to volume control.

**Set the Timeout time in seconds** under **Knob T/out**.

**To Adjust the Backlight Level**, press the **Power** button briefly with the backlight on, then rotate the knob to increase or decrease the brightness.

## Settings Menu

**LiteMode/Mode** Controls how the backlight operates. Default is **On**.

**Knob Dflt/Control Knob Default** Selects operation for rotary control in scan mode. Default is **VOL**.

**SQ** – operates squelch in scan mode.

**Vol** - operates volume in scan mode.

**Scanner** Press **◀** or **▶** to select **SQ**, or **VOL**.

**Software** Advanced Features > Control Knob Options > Control Knob Default

**Volume**, or **Squelch**.

**Knob T/out/Click Timeout** Timeout when you press the Scroll Control for temporary change. Default is **5** (secs).

**Scanner** Press **◀** or **▶** to select **1-10** (secs).

**Software** Advanced Features > Control Knob Options > Click Timeout **1-10** (secs).

**Clock Display** The WS1095 can display a clock when the scanner is off. Default setting is **Off**.

**Scanner** Use **▼** or **▲** in the *main* menu to select and press **SEL** or **▶** to check (**Enabled**), or uncheck (**Disabled**).

**Software** General Settings > Backlight Settings > Clock Display

**Enabled** or **Disabled**.

**Notes:** The clock display will draw power from a mobile installation when the scanner is turned off. If the internal clock batteries are allowed to fully discharge, the date and time will need to be set again. To recharge the internal batteries connect the scanner to the AC power adapter, then *power on* the scanner for one hour or connect the USB cable to your PC and leave the *power off* for one hour then disconnect the cable.

The scanner will not function on USB power only.

**Firmware Ver.** Allows you to view the firmware version.

**Scanner** Press **SEL** or **▶** to view.

Please also visit my website  
to view this manual and many others for other/older radios.  
([www.marksscanners.com](http://www.marksscanners.com))

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