Kodak DCS Pro SLRn with PocketWizard Inside

User Instructions

This document represents the latest PocketWizard functionality, the look of these menus are subject to change

1. The PocketWizard System of Radios

This new PocketWizard digital radio transceiver, installed in your Kodak DCS camera, is a fully integrated camera component, operated with the camera's controls and complete camera menu displays. It is fully compatible with all other PocketWizard products including the PocketWizard Classic, Plus, MAX, and the MultiMAX, and operates with other professional photography equipment equipped with "PocketWizard Inside" such as Profoto, Dyna-Lite, and Photo Control flash systems, Sekonic light meters, and the Nikon D1 series of digital cameras.

Future photographers won't know the limits of a wired world, why should you? When you go wireless, go with PocketWizard, the most reliable brand of wireless triggering systems in the Photography industry.

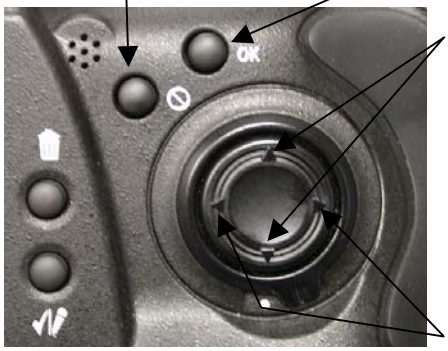
2. Using the camera in PocketWizard Mode

a. PocketWizard Mode

PocketWizard options displayed on the back LCD screen of the Kodak Pro SLRn are selected by the use of the four-way navigation button, or "NB". Note: The antenna must be installed for the PocketWizard Mode to enable.

Press the cancel button to exit a menu without accepting change

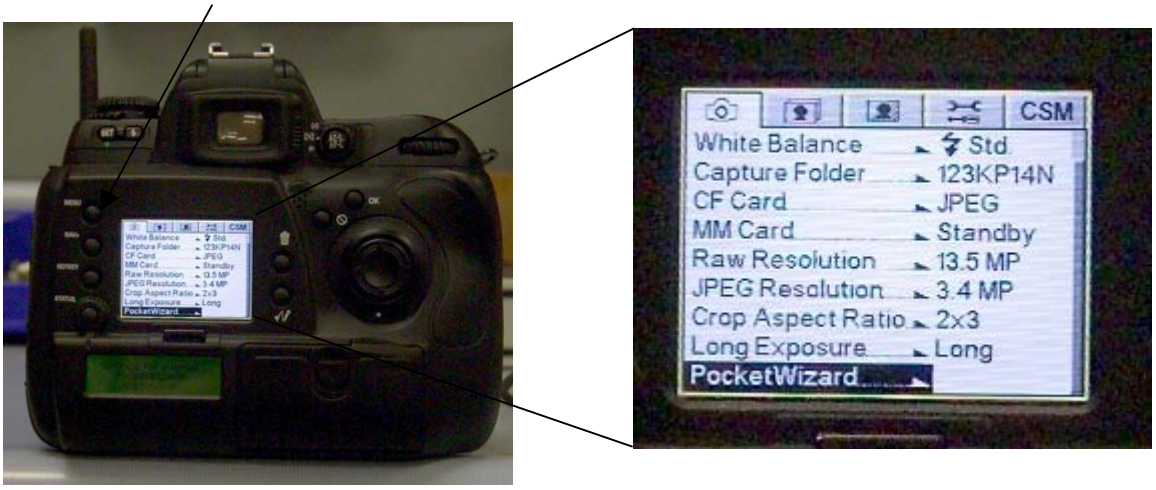
Press the OK button to confirm a selection



Press the top or bottom of the navigation button (NB) to navigate among menu options.

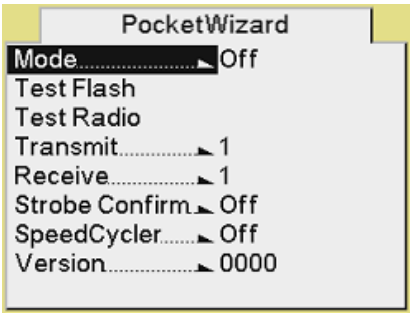
Press the right arrow of the NB to display/enable a cascaded menu and press the left side of the NB to remove/disable the cascaded menu.

During normal camera operation, activate the user menu by pressing the Menu button.



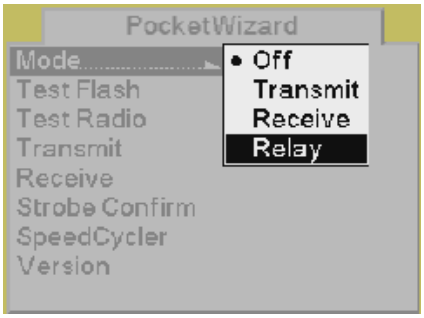
Press the down arrow of the NB nine times, or the up arrow once, to highlight the PocketWizard option. Press the right arrow of the NB to access the PocketWizard options.

The following screen is displayed.



Pressing the right arrow of the NB allows you to view the options of any of the selections. After a selection has been made, pressing the **OK** button on the back of the camera will save that option.

Selecting the **Mode** enables the following window That displays the primary PocketWizard functions.



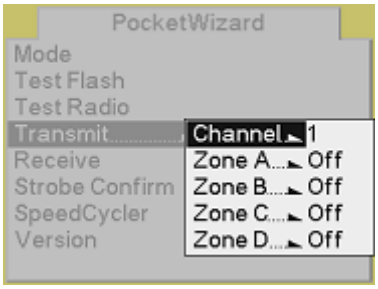
b. Transmit Mode

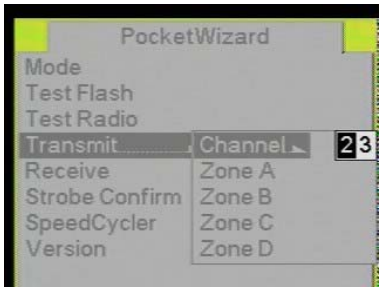
Selecting **Transmit** places this camera in Transmit Mode. When the shutter is triggered, any remote flash units or cameras set in receive mode, and enabled on the same channel as this camera, will fire.

c. Receive Mode

Selecting **Receive** places this camera in Receive Mode. When another PocketWizard device (camera or PocketWizard MultiMax) is triggered, this camera will receive a signal and fire, taking a picture. This camera must be on the same channel and zone as the PocketWizard triggering device.

d. Setting the Channel





To set the Transmit Channel, use the NB, selecting either the ones or tens digits. The digits can be incremented or decremented using the up and down portion of the NB. If the tens digit is highlighted and the current number displayed is “1” pressing the up portion of the NB will cause this digit to become “2”. The right side of the NB would then be used to select the ones digit. The user then uses the up or down function of the NB to select which Channel 20 to 29 that will be used.

Once the Channel is set, press the OK button on the camera.
The Receive channel is set in the same manner.

e. Setting the Zone

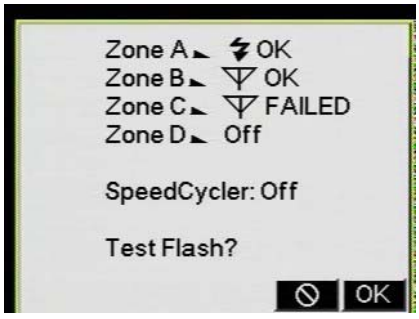
Zone selection is available on channels 17 – 32 only. To set the Transmit Zone, press the up or down portion of the NB to highlight one of the Zones A, B, C, or D. Once the Zone is highlighted, press the right portion of the NB to enable selection of either ON or OFF. Use the up/down portion of the NB to configure that Zone to ON or OFF. Once that Zone has been configured, press the OK button. All four Zones are configured in a similar manner.

The Receive Zone is set by selecting an appropriate Zone and pressing OK.

f. Test Flash

Pressing the down arrow of the NB once from this position highlights the **Test Flash** option. Pressing the **OK** button will cause any remote units that are set in receive mode to perform a test "pop."

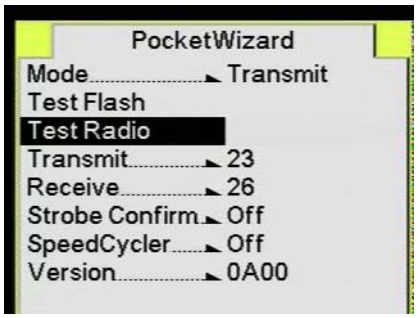
Once this has been accomplished, the screen displays the results of the "Test Flash".



The screen to the left indicates, by the display of the lightning bolt symbol, that both radio and flash were confirmed in zone A. Note: to detect an actual burst of light from a flash, a PocketWizard Confirmation Sensor must be connected to the flash. Confirmation of this burst of light is indicated by a lighting bolt symbol on the display. Zone B has radio confirmation but no flash confirmation. Zone C failed because that zone is enabled but no radio was found. Zone D is turned off. Corrections to the setup can now be done and the system can be tested again using the OK button on the camera or, if the CANCEL button is pressed, the menu returns to the PocketWizard home menu.

The Test Flash option will confirm RF communication with all receivers that are enabled on the current channel, and pop any flash units that are connected to those receivers. If the camera radio is set up as a receiver, this mode will be grayed out.

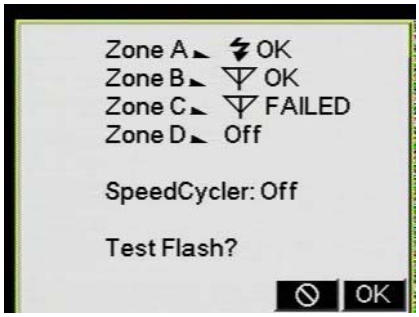
g. Test Radio



The Test Radio menu allows the user to "ping" radios that are enabled, determining if they are available for trigger, without popping the flash.

h. Flash Confirmation

Flash confirmation is a feature that allows the user to examine the status of the strobes after each shot if this option is set to ON.



After each shot, the camera's screen displays the radios that were detected. The display is identical to the "Test Flash" screen shown previously. (The screen is repeated here for clarity.) If all enabled Zones confirm after a picture is taken, this screen will not appear. This screen will only appear if one or more Zones fail.

i. Relay Mode

Selecting **Relay** places this camera in Relay Mode. When another device (camera or PocketWizard MultiMax) is triggered, this camera will receive the signal, switch to Transmit mode, and relay the trigger signal to another camera(s) and/or associated flash unit(s).

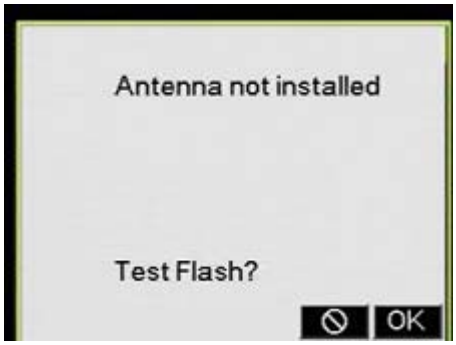
Selecting **Off** turns off the radio and all associated functionality.

j. Speed Cycler Mode

The camera can also be placed in SpeedCycler Mode. This option allows the flash to be to be triggered sequentially to allow multiple flash units to cycle faster than possible with the refresh rate of a single flash. This option is either set “ON” or “OFF.”

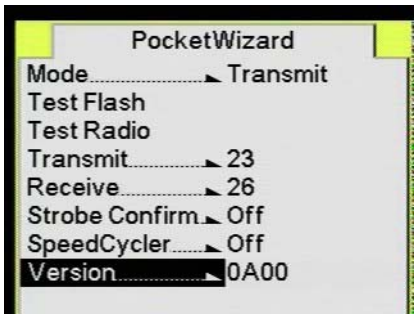
3. Installing the Antenna

The antenna connector is threaded, and screws into the camera’s PC port. The PC port of the camera functions normally when the antenna is removed. If radio functions are attempted with the antenna removed, the following message appears.



4. Software and Upgrade

Software Version



The software version of the PocketWizard radio is displayed. Should a software upgrade be availabley, the radio can be reprogrammed through the 10-pin port on the front of the camera.

5. PocketWizard Radio specifications

Modes of Operation:	PocketWizard Mode, Transmit and Receive
Radio Channels:	32 channels (344 – 354 MHz)
Line of Sight Range:	1,000 feet (300 meters) in open field
Transmit Power:	-1 dBm typical
Receiver Sensitivity:	-93dBm for 12dB S/N ratio (minimum)
Batteries:	Uses the camera's rechargeable battery
Size:	Internal to Camera 1.45"x.80"x.25"
Shutter Sync Limits:	Camera limited at 1/125th
Sync Time	1.4ms or less from start of exposure to receiver triggering flash.
Antenna:	Rubber covered flexible coiled spring, three inches in Length. Attaches to front PC connector of camera body.

6. FCC & IC Compliance Information

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules and also with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device
May not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID Number KDS- PW-KTR1