



# Broadcast Products Technical Bulletin 20-2006-133

DATE: **August 14, 2006**SUBJECT: **FIRMWARE UPGRADE—VERSION 1.46**

MODEL: PDW-510  
 PDW-510/1  
 PDW-510/2  
 PDW-510/3  
 PDW-510P  
*PDW-510P/1/C*  
 PDW-510P/1  
 PDW-510P/2  
 PDW-510P/3  
 PDW-530  
 PDW-530/1  
 PDW-530/2  
 PDW-530/3  
 PDW-530P  
*PDW-530P/1/C*  
 PDW-530P/1  
 PDW-530P/2  
 PDW-530P/3

## SERIAL NO:

|                     |                      |
|---------------------|----------------------|
| PDW-510             | 10,001–10,425        |
| PDW-510/1           | 12,001–12,010        |
| PDW-510/2           | 13,001–13,090        |
| PDW-510/3           | 13,091–13,100        |
| PDW-510P            | 40,001–40,590        |
| <i>PDW-510P/1/C</i> | <i>50,001–50,083</i> |
| PDW-510P/1          | 42,001–42,015        |
| PDW-510P/2          | 43,001–43,035        |
| PDW-510P/3          | 43,036–43,170        |
| PDW-530             | 10,001–10,764        |
| PDW-530/1           | 12,001–12,015        |
| PDW-530/2           | 13,001–13,070        |
| PDW-530/3           | 13,071–13,079        |
| PDW-530P            | 40,001–41,123        |

(Part 1 of 2)

*Italicized information in green applies to customers outside the United States.*

PDWM06-006R

**DESCRIPTION**

Firmware version 1.46 is available.

**NOTE:** Units shipped with V1.46 have the letter "K" printed on the barcode label of the packaging material.

**PARTS REQUIRED**

| Part No. | Description           | Qty. |
|----------|-----------------------|------|
| 510V146  | PDW-510 Package V1.46 | 1    |
| 530V146  | PDW-530 Package V1.46 | 1    |

**ORDERING INFORMATION**

To order upgrades, contact:

Sony SoftwarePLUS®  
 8281 NW 107th Terrace  
 Kansas City, MO 64153  
 Call: (800) 538-7550  
 Fax: (816) 880-6854  
 Web: <http://www.sony.com/softwareplus>

**Customers outside the United States:** Please order parts from your usual supplier.

**PROGRAM IMPROVEMENTS**

- Time code no longer jumps to an incorrect value when power is turned OFF/ON via the battery.
- When VDR SW is set to SAVE on the camcorder, Rec Review is available when pressing the lens RET button on the lens.

SERIAL NO: (Continued)

|                    |                      |
|--------------------|----------------------|
| <i>PDW-530P//C</i> | <i>50,001–50,130</i> |
| PDW-530P/1         | 42,001–42,020        |
| PDW-530P/2         | 43,001–43,081        |
| PDW-530P/3         | 43,082–43,221        |

(Part 2 of 2)

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## UPGRADE PROCEDURE

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**NOTE:** When upgrading from V1.40 or higher, firmware can be upgraded either via the network or via a memory stick. When upgrading from a version earlier than V1.40, firmware must be upgraded via the network.

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### FIRMWARE UPGRADE VIA NETWORK

#### Firmware Requirements

- Firmware V1.18 must already be installed before firmware can be upgraded to V1.46. The new firmware cannot be installed from a version earlier than 1.18.
- For information regarding AT firmware V1.40, (package upgrade V1.45) refer to Technical Bulletin 20-2005-165.

#### System Requirements

- Network adapter (CBK-NC01)
- Network cross cable
- Firmware package files:

**NOTE:** The package file differs, depending on the model and serial number of your unit. Note the file required for your unit.

PDW-510/P (10,001–11,999; 40,001–41,999;  
50,001–51,999)  
garland-pdw-510-1460.pkg

PDW-510/P (12,001 and higher; 42,001 and higher)  
garland-pdw-510-s1-1460.pkg

PDW-530/P (10,001–11,999; 40,001–41,999;  
50,001–51,999)  
garland-pdw-530-1460.pkg

PDW-530/P (12,001 and higher; 42,001 and higher)  
garland-pdw-530-s1-1460.pkg

#### Network Upgrade

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**NOTE:**

- This upgrade procedure is different from the procedure required when upgrading to V1.18.
  - DO NOT turn power OFF or disconnect the network cable during the upgrade.
  - The software install key is not necessary when upgrading to V1.46. Leave the install key field blank.
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1. Before installing the new firmware, confirm that firmware is at least V1.18 or higher.
2. Make sure DC power is supplied from the DC IN terminal and not from the battery.
3. Remove any disc that may be inserted in the unit before you begin the upgrade; otherwise, the upgrade may fail.

4. Disconnect the i.Link cable or audio cable (including headphones) if connected to the unit.

5. Upgrade package firmware as described in the HTML maintenance manual:

Main Menu > Service Overview > Firmware/Software >  
Software Update > VDR Software Update (by Network:  
CBK-NC01 Installed Only)

## **FIRMWARE UPGRADE VIA MEMORY STICK**

### **Firmware Requirements**

Firmware V1.40 must already be installed before firmware can be upgraded to V1.46 via a memory stick.

### **System Requirements**

- Memory stick
- Firmware package files:

**NOTE:** The package file differs, depending on the model and serial number of your unit. Once the package filename is changed and written to the memory stick, the file cannot be identified from other files with the same name; therefore, write each package file to different memory sticks.

PDW-510/P (10,001–11,999; 40,001–41,999;  
50,001–51,999)

wreath-510-1460.rom

(Filename when written to memory stick:  
pdw510pk.rom)

PDW-510/P (12,001 and higher; 42,001 and higher)  
wreath-510-s1-1460.rom

(Filename when written to memory stick:  
pdw510pk.rom)

PDW-530/P (10,001–11,999; 40,001–41,999;  
50,001–51,999)

Wreath-530-1460.rom

(Filename when written to memory stick:  
pdw530pk.rom)

PDW-530/P (12,001 and higher; 42,001 and higher)  
wreath-530-s1-1460.rom

(Filename when written to memory stick:  
pdw530pk.rom)

### **Memory Stick Upgrade**

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**NOTE:** DO NOT turn power OFF or disconnect the network cable during the upgrade.

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1. Before installing the new firmware, confirm that firmware is at least V1.40 or higher. When upgrading from a package earlier than V1.40, upgrade via the network.
2. Make sure DC power is supplied from the DC IN terminal and not from the battery.
3. Remove any disc that may be inserted in the unit before you begin the upgrade; otherwise, the upgrade may fail.

4. Disconnect the i.Link cable or audio cable (including headphones) if connected to the unit.

5. Upgrade package firmware as described in the HTML maintenance manual:

Main Menu > Service Overview > Firmware/Software > Software Update > VDR Software Update

### CONFIRMATION

1. Turn main power OFF, then back ON.
2. While pressing the MENU knob, switch MENU ON/OFF from OFF to ON to open the TOP menu.
3. Select DIAGNOSIS > ROM VERSION 1 and ROM VERSION 2, and confirm that firmware versions are as follows:

| <b>10,001–11,999</b> |  | <b>12,001 and higher</b> |  |
|----------------------|--|--------------------------|--|
| <b>40,001–41,999</b> |  | <b>42,001 and higher</b> |  |

|               |       |               |       |
|---------------|-------|---------------|-------|
| ROM VERSION 1 |       | ROM VERSION 1 |       |
| AT            | 1.40  | AT            | 1.40  |
| PACKAGE       | 1.46* | PACKAGE       | 1.46* |

|               |       |               |       |
|---------------|-------|---------------|-------|
| ROM VERSION 2 |       | ROM VERSION 2 |       |
| SY1           | 1.46* | SY1           | 1.46* |
| PIER          | 1.50  | PIER          | 1.61  |
| VAIN          | 1.27  | VAIN          | 1.37  |
| SY2K          | 1.47  | SY2K          | 1.47  |
| SY2U          | 1.47  | SY2U          | 1.47  |
| DRV           | 1.32  | DRV           | 1.12  |
| FP            | 1.37* | FP            | 1.37* |
| DSP.A         | 2.00  | DSP.A         | 2.00  |
| PRX.A         | 1.01  | PRX.A         | 1.01  |
| PRX.V         | 1.60  | PRX.V         | 1.60  |

\* Upgraded with V1.46.