



# Broadcast Products Technical Bulletin 20-2006-216

DATE: **November 13, 2006**SUBJECT: **CHANGE IN VA GAIN ADJUSTMENT LEVEL  
WHEN REPLACING CCD BLOCK**

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

SERIAL NO: **ALL**

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

**DESCRIPTION**

When replacing an -AL type CCD block with a new -BL type CCD block, the reference level for VA gain must be adjusted from 440 mV to 460 mV as follows.

**ADJUSTMENT PROCEDURE**

3. Equipment: Oscilloscope

Test point: TP1 (VA-219/VA-228 board)

Adj. point: Lens IRIS

Specification: A = 460  $\pm$  10 mV (for -BL type CCD block)  
 A = 440  $\pm$  10 mV (for -AL type CCD block)

**NOTE:** Refer to the HTML service manual, Alignment > Electrical Alignment of Camera System > VA Gain Adjustment.

**UNITS AFFECTED**

To determine which CCD block you have, check the serial number of your unit or the lot number of your CCD block. (See Table 1.)

**Table 1**

| Model    | Serial No.        | CCD Block                      |      |
|----------|-------------------|--------------------------------|------|
|          |                   | Lot No.<br>Part No.            | Type |
| PDW-510  | Unknown           | Up to 681<br>A-8347-469-A      | -AL  |
|          |                   | 682 and higher<br>A-8347-469-B | -BL  |
| PDW-510P | Up to 43,068      | Up to 503<br>A-8347-470-A      | -AL  |
|          | 43,069 and higher | 504 and higher<br>A-8347-470-B | -BL  |
| PDW-530  | Unknown           | Up to 681<br>A-8347-471-A      | -AL  |
|          |                   | 682 and higher<br>A-8347-471-B | -BL  |
| PDW-530P | Up to 43,137      | Up to 503<br>A-8347-472-A      | -AL  |
|          | 43,138 and Higher | 504 and higher<br>A-8347-472-B | -BL  |

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