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Sony Corporation

No. HDVM08-125R-TN

Technical News

Issued : October 2, 2008

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Subject: Reinforcement of anti-interference radio wave

[Applicable Model]

Model / Destination	Serial Number	Number of Unit
HDTX100//UF CE7	all	
HDTX100//UF1CE7	all	
HDTX100/F CE7	all	
HDTX100/K UC3	all	
HDTX100/K1 UC3	all	
HDTX100/T J	all	

Correct the board suffix information (Rev.1)**[Description]**

When approaching to an equipment which emitting strong interfering electric wave such as high output radio equipment or a HMI light to the HDTX100, HAFX1550 or tri-axial cable, the system may become unsynchronized, resulting in unlocked main line picture, unlocked RET picture or picture noise.

In that case the unit cannot be operated, keep a distance from such equipment or shield the radio wave. The reinforcement of anti-interference noise mentioned below can be implemented on the camera system.

[Treatment]

Make longer the time constant of phase locked loop (PLL) synchronizing the systems so that the anti-interference of the radio wave can be reinforced. However, as a side effect, the start-up of the system will become 15 seconds.

[Parts Required]

1 DPR-262 PLD data

In case of the DPR-262 board with suffix -11 (1-867-094-11)

V1.02[E_000_002_62_03]

In case of the DPR-262 board with suffix -12 **or later (Rev.1)**

V1.02[E_000_003_54_03]

2.1005 chip resistor 100kΩ: 1-208-935-81, 1 piece

[Work Procedure]**1. PLD Version Upgrade**

According to “1-14. Writing and Rewriting the PLD Internal Data” in the Service Manual, upgrade the PLD on the DPR-262 board of the HDTX100.

In case of the DPR-262 board with suffix -11

Filename: E_000_002_62_03

In case of the DPR-262 board with suffix -12 **or later (Rev.1)**

Filename: E_000_003_54_03

2. Change the values of chip resistor on the DPR-262 board.

In case of the DPR-262 board with suffix -11

Ref-No.	Zone	Former value	New value	P/No.
R520	D-1(Side-B)	10kΩ →	100kΩ	1-208-935-81

In the case of the DPR-262 board with suffix -12 **or later (Rev.1)**

Ref-No.	Zone	Former value	New value	P/No.
R955	D-4(Side-B)	10kΩ →	100kΩ	1-208-935-81

[Confirmation / Adjustment after Treatment]

No adjustment is necessary.

Confirm that the unit is powered and operated.