

## Model PD204 Owner's manual

<Version 1.01 supplement>

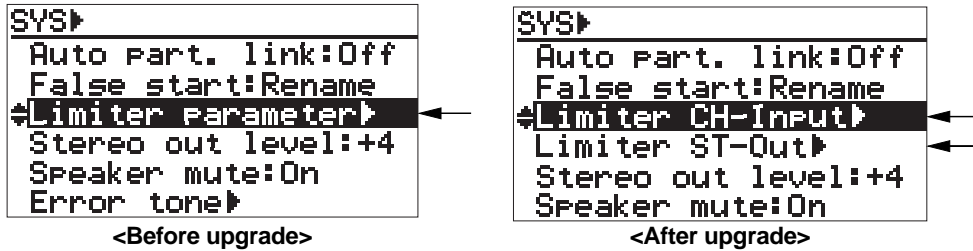
With the upgrade of the PD204 to version 1.01, the following changes have been made.

- (1) **The limiter parameter setting function in the SYS SETUP menu of the MENU mode has been enhanced.**
- (2) **The key operation for the disk copy function has been changed.**

Before you make parameter setting for the internal limiter or make disk copy, read this supplement as well as the original manual.

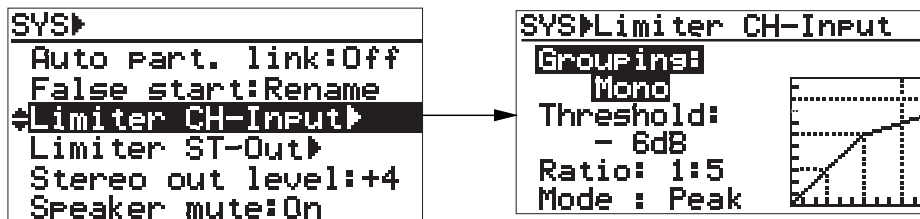
## Limiter parameter setting

The limiter parameter setting function has been enhanced and you can now make limiter parameter setting for the input channels and stereo output busses individually. With the earlier version, the "Limiter parameter" menu item in the "SYS SETUP" menu of the MENU mode is provided to make limiter parameter setting for both the input channels and stereo output busses simultaneously. With version 1.01, the "Limiter CH-Input" and "Limiter ST-Out" menu items are provided instead of the "Limiter parameter" item.



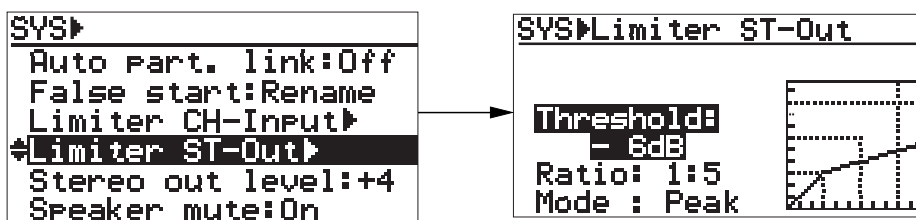
• **Limiter parameter setting for input channels 1 through 4 (Limiter CH-Input)**

Highlight "Limiter CH-Input" in the SYS SETUP menu and press the [ENTER/YES] key. The display now shows the screen for setting limiter parameters of the input channels, including grouping, threshold, ratio and level detection mode.



• **Limiter parameter setting for stereo output busses (Limiter ST-Out)**

Highlight "Limiter ST-Out" in the SYS SETUP menu and press the [ENTER/YES] key. The display now shows the screen for setting limiter parameters of the stereo output busses, including threshold, ratio and level detection mode.



**<Note>**: The limiters for stereo output busses L and R are always linked (grouped) so there is no "Grouping" setting item.

**Grouping setting (available only for "Limiter CH-Input")**

You can select "Mono" or "1-4". (The default is "Mono".)	
<b>Mono</b>	Each input channel limiter works independently according to each input signal level.
<b>1-4</b>	The limiters for channels 1 through 4 are grouped. All the channel limiters work together according to the highest input level among channels 1 through 4. Therefore, when the limiters work, all signals are compressed at the same ratio and the stereo position of each signal is maintained.

### Threshold level setting

You can select "-6dBFS" or "-12dBFS". (The default is "-6dBFS".)

### Ratio setting

You can select "1:3" or "1:5". (The default is "1:5".)

### Limiter level detection mode setting

You can select "Peak" or "RMS" (The default is "Peak".)	
<b>Peak</b>	The level detector detects the peak level of a signal. The limiter is activated when the peak level of the signal exceeds the threshold level. If you select "Peak" while you set the threshold level to "-12dBFS", you may feel the limiter works too sensitively compared to a conventional analog limiter. Therefore when you select "Peak", it is recommended that you set the threshold level to "-6dBFS".
<b>RMS</b>	The level detector detects the RMS level of a signal. The limiter is activated when the RMS level of the signal exceeds the threshold level. In this mode, the limiter works similar to a conventional analog limiter.

**<Note>**: The RMS mode is available when the FS is 48 kHz or less. When the FS is higher than 48 kHz, the limiter works in the peak mode.

## Key operation for the disk copy function

With the new version, the key operation for executing disk copy is changed. For details about the disk copy function, see page 107 of the operation manual.

**Key operation with the earlier version (see page 109 of the operation manual.)**

After the display shows the confirmation message as below, **press the [ENTER/YES] key.**

```

        ---CAUTION---
        If ENTER key is push
        -ed,will start Disk
        Copying and delete
        DVD-RAM area data.
        Are you sure?
        Finish time:01M13S
    
```

**Key operation with the new version**

After the display shows the confirmation message as below, **press the [ENTER/YES] key while pulling the [REC] key to the right.**

```

        ---CAUTION---
        If REC+ENTER key is
        pushed,will start Dis
        -k Copying and delete
        DVD-RAM area data.
        Are you sure?
        Finish time:01M13S
    
```

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