AKAI
professional

DPS16
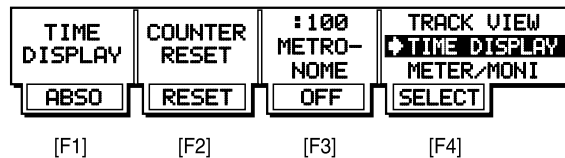## DIGITAL PERSONAL STUDIO
Version 1.5 Addendum

Operator's Manual

New functions and improvements

- Metronome function added.
- Additional System Exclusive commands supported.
- Signal processing of Pitch Corrector effect type improved.
- Remain time display improved.
- MTC Slave Sync operation changed.

METRONOME

The metronome function key [F3] has been added to the Time Display function. When the Time Display function is selected at the [F4] key on the Main screen, the following screen appears at the [F3] key.

```
 ┌─────────┐┌─────────┐┌─────────┐┌───────────┐
 │  TIME   ││ COUNTER ││  :100   ││ TRACK VIEW│
 │ DISPLAY ││  RESET  ││ METRO-  ││▶TIME DISPLAY│
 │         ││         ││  NOME   ││ METER/MONI│
 │ [ ABSO ]││[ RESET ]││[  OFF  ]││[ SELECT ] │
 └─────────┘└─────────┘└─────────┘└───────────┘
    [F1]        [F2]       [F3]        [F4]
```

[F3] key/METRONOME
This function selects to use the metronome sound while playing. When ON is selected by pressing [F3] key, the metronome sound will be heard through the Monitor Out and Headphone outputs. The metronome sound clicks according to the Tempo Map and Beat Map settings.
When the cursor is moved on to the value field of the [F3] key, changing its value can change the output level.

SYSTEM EXCLUSIVE SUPPORT

With the additional support of MIDI System Exclusive commands, the whole functions of the DPS16, not only the transport controls, but also the Mixer and Effects settings, Tempo/Beat Map settings, Sync mode control, etc., can all be controlled from the external MIDI device.
Refer to the separate MIDI System Exclusive document for the details of command format.

OTHER IMPROVEMENTS

- **Signal processing of PITCH CORRECTOR effect type improved.**
  Even when the effect type of Pitch Corrector is selected, the multiple FX channels and/or the selection of other effect types can now be used simultaneously, as other effect types.

- **Remain time display improved.**
  With the large capacity disks, the remaining time longer than 24 hours can now be displayed properly. The time over 100 hours will be displayed without the minute display, e.g. 123h, however.

- **MTC Slave Sync operation changed.**
  The operation in MTC Slave sync mode has been changed.
  The external MTC signal is accepted only while the DPS16 is in Play-standby mode (pressing the PLAY key makes the PLAY LED to flash) or in Record-standby mode (pressing the PLAY key while holding the REC key down makes the REC and PLAY LED's to flash) and the play/record is initiated when the proper MTC signal is received. On the contrary, when the MTC signal is introduced while the DPS16 is in stop mode, the MTC signal is ignored and the DPS16 will remain in stop mode.

> ➦*NOTE: When the MTC Slave mode is enabled (ON) by pressing the [F2] key, it will go into Play-standby mode with flashing PLAY LED.*
> *To disable the MTC Slave mode (OFF), it is necessary to press the STOP key before pressing the [F2] key when the DPS16 is in either Play-standby mode or Record-standby mode.*