AKAI professional

IB-16S SCSI Interface board for REMIX16

INTRODUCTION

Thank you for purchasing the AKAI IB-16S.
This optional SCSI interface board is designed for the dedicated use with the REMIX16 Stereo DJ Phrase Sampler. With the IB-16S installed in the REMIX16, it allows the REMIX16 to be connected with the SCSI harddisk or similar SCSI devices to save and load your favorite programs, samples and sequences. As the harddisk generally has larger storage capacity than that of floppy disk, it allows you to save, i.e. write, the large data, which may be too large for the floppy disk to hold - especially when the internal memory is expanded, and to load, i.e. read, them back fast.

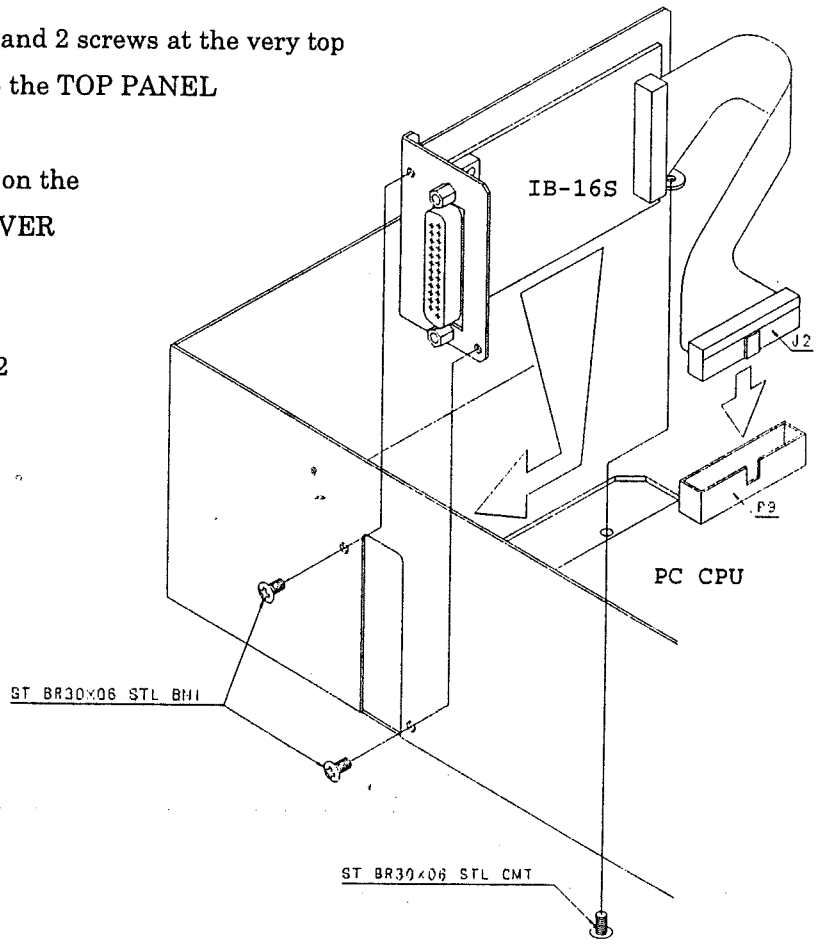
Package Information

IB-16S SCSI Interface Board 1
Fixing Screw 1
Instruction Manual 1

INSTALLATION - To Service Technicians

(DISCONNECT the MAINS CORD from MAINS OUTLET to prevent any accident.)

1. Remove 4 screws on each side and 2 screws at the very top row on rear panel and open up the TOP PANEL BLOCK.
2. Remove 2 screws for the cover on the rear panel and remove the COVER PLATE.
3. Place the IB-16S board on the bottom chassis and fix it with 2 screws, used for the cover, on the rear panel and 1 screw, included with the package, from the bottom.
4. Connect J2 connector to P9 on CPU PC Board.
   If the system ROM version is not V1.1 or higher, the ROM chip update is also required.
5. Replace the TOP PANEL BLOCK and fix it with 6 screws removed.



English

Notes on installation of the IB-16S

1. Place the IB-16S as illustrated.
2. Handle the IB-16S so carefully as it is sensitive to the static electricity.
3. Do not touch the terminal pins of connector on the IB-16S. It may cause malfunction.
4. The IB-16S cannot be used for the other devices as it is dedicated to the REMIX16.

Consult your AKAI dealer on installing the IB-16S to your REMIX16. Self-servicing may cause the malfunction or damage to the devices. AKAI does not guarantee against the device's malfunction or damage arised by self-servicing.

OPERATION PROCEDURE

The harddsik used for the REMIX16 is devided into the partitions of 60Mbytes, up to 18 partitions (1 to 9 and A to I), and each partition may hold up to 100 volumes (00 to 99). The partition is selected by turning the **DATA** wheel and the volume is selected with the **JOG** dial, e.g. P502 (P5.02) display shows that the volume 2 in partition 5 is selected.

The SCSI ID of REMIX16 is fixed to ID=7 and cannot be changed. Thus the connected SCSI devices must use the SCSI ID number of 0 to 6. Connect the harddisk to the REMIX16 via the appropriate SCSI cable, i.e. IB-16S has a 25pin D-sub connector. The connected harddisk must first be formatted to be used for the REMIX16.

The operation procedure of the harddisk is similar to those of floppy disk. Thus, refer to the REMIX16 Operator's Manual also, please.

Note: The REMIX16 requires the system software of V1.1 or higher version. If not, it is necessary to have the system ROM chip updated.

CONNECTIONS

Using an appropiate - 25pin D-sub connector on one end and on the other, an appropriate connector depending on the harddisk connected - SCSI cable, connect the REMIX16 and the external harddisk. Set the SCSI ID on the harddisk and make the SCSI termination as appropriate - refer to the manual of harddisk. The SCSI cable length in total must not exceed 6 meters.

Turn the harddisk unit on first, then turn the REMIX16 on for the proper recognition of the harddisk.

FORMAT

1. Press **EDIT** key to light up the LED and enter Edit mode.
2. Select FORMAT in the Edit Matrix using **CURSOR**, by positioning the row and column LEDs.
3. Press **REC** and change the device selected from FLOP (FLOPy) to SCSI (SCSI) using **JOG** dial.
4. Pressing **REC** shows the SCSI ID number of target, i.e. harddisk. Select the appropriate ID number using **JOG** dial, e.g. Id-x (Id-x, x = 0 to 6).
5. Press **REC** a third time; the display shows For (For;formatted) or noF (noF; unformatted) depending on the condition of the disk.
6. Pressing **REC** again; the display shows GO?? (GO??) blinking to confirm.
   To cancel formatting at this point, press **EDIT** or **CURSOR**. To execute formatting, press **REC** again.

Note: Formatting is a destructive operation and all the data contained within the harddisk is lost when it is executed. So, be very careful not to lose your precious data.
The partition size is fixed to 60Mbytes. The maximum disk capacity the REMIX16 can access is 1Gbytes. Formatting a 1Gbyte harddisk takes 10 minutes or so, depending on the device used.

English

SAVE

1. Press **EDIT** key to light up the LED and enter Edit mode.
2. Select SAVE in the Edit Matrix using **CURSOR**, by positioning the row and column LEDs.
3. Press **REC** and change the device selected from FLOP (FLOPy) to SCSI (SCSI) using **JOG** dial.
4. Pressing **REC** shows the SCSI ID number of target, i.e. harddisk. Select the appropriate ID number using **JOG** dial, e.g. Id-x (Id-x, x = 0 to 6).
5. Press **REC** a third time; the display shows P x.yy(Px;partition number, yy;volume number). Select the partition and volume you want to save the data to, using **DATA** wheel and **JOG** dial.
6. Pressing **REC** again; the display shows the first file name, i.e. ALL.

The rest of procedure is the same as that of floppy disk.

Select the data to save, i.e. ALL (all data), SA (single sample), SEQ (sequence), using **JOG** dial. When saving a sample selectively, press the appropriate **BANK** key.

7. Pressing **REC**; the display shows GO?? (GO??) to confirm. To cancel saving at this point, press **EDIT** or **CURSOR**.
8. Press **REC** again or select CLEA (clear) using **JOG** dial then press **REC** to execute saving.

LOAD

1. Press **EDIT** key to light up the LED and enter Edit mode.
2. Select LOAD in the Edit Matrix using **CURSOR**, by positioning the row and column LEDs.
3. Press **REC** and change the device selected from FLOP (FLOPy) to SCSI (SCSI) using **JOG** dial.
4. Pressing **REC** shows the SCSI ID number of target, i.e. harddisk. Select the appropriate ID number using **JOG** dial, e.g. Id-x (Id-x, x = 0 to 6).
5. Press **REC** a third time; the display shows P x.yy(Px;partition number, yy;volume number). Select the partition and volume you want to load the data from, using **DATA** wheel and **JOG** dial.
6. Pressing **REC** again; the display shows the first file name, i.e. AL 1.

The rest of procedure is the same as that of floppy disk.

Select the data to load using **JOG** dial, i.e.

AL 1(all file), A1. 1(single sample in all file), S 1(single sample),
A1SE(sequence in all file), SE 1(single sequence),
S9. 1(S900 series sample), S1. 1(S1000 series sample),
S3. 1(S3000 series sample).

When loading a sample individually to a BANK, press the appropriate **BANK** key.

7. Pressing **REC**; the display shows the file name flashing to confirm.
   To cancel loading at this point, press **EDIT** or **CURSOR**. To execute loading, press **REC** again.

DELETE

1. Press **EDIT** key to light up the LED and enter Edit mode.
2. Select DELETE in the Edit Matrix using **CURSOR**, by positioning the row and column LEDs.
3. Press **REC** and change the device selected from FLOP (FLOPy) to SCSI (SCSI) using **JOG** dial.
4. Pressing **REC** shows the SCSI ID number of target, i.e. harddisk. Select the appropriate ID number using **JOG** dial, e.g. Id-x (Id-x, x = 0 to 6).
5. Press **REC** a third time; the display shows P x.yy(Px;partition number, yy;volume number). Select the partition and volume you want to load the data from, using **DATA** wheel and **JOG** dial.
6. Pressing **REC** again; the display shows the first file name, i.e. AL 1

The rest of procedure is the same as that of floppy disk.

Select the data to delete using **JOG** dial; refer to LOAD procedure above for the file types.

7. Pressing **REC**; the display shows the file name flashing to confirm.
   To cancel deleting at this point, press **EDIT** or **CURSOR**. To continue deleting, press **REC** again.
8. The display now shows DELP (delete?) to confirm again. Press **REC** to execute deleting.

English

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