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### BSS UPGRADE PROCEDURES

Detailed upgrade procedures are outlined below. Some general guidelines:

- Always upgrade the operating software (firmware) of your units before downloading new presets.

**Note: BSS 366 Omni Compact Plus firmware must be upgraded to V1.10 or higher in order for V7 preset libraries to function correctly.**

- Always verify that you have the latest software revisions (SB2, Ministore, Soundweb Designer, etc)
- Make sure you upgrade your entire crossover inventory uniformly (firmware + presets)
- Refer to Preset Description Sheets (.XLS files) to assist in selecting the appropriate preset, properly configuring crossover output channels for the drive rack etc.

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### BSS 366 OMNIDRIVE COMPACT PLUS

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#### 366 FIRMWARE UPGRADE:

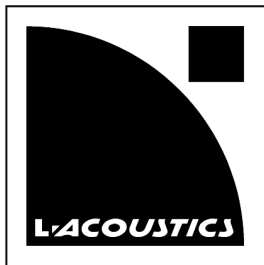
**BSS 366 Omni Compact firmware must be upgraded to V1.10 or higher in order for V7 or preset libraries to function correctly.**

Loader software and the firmware upgrade can be downloaded from the BSS website ([www.bss.co.uk](http://www.bss.co.uk)) and are also provided with the V7 preset library.

Cable your computer to the BSS 366 as described in the BSS users manual, i.e., connect from the serial port of your PC to the RS232 input of the BSS unit using a Male/Male Null Modem Cable with 9 pin D-SUB connectors.

Open the \ V7 PRESETS \ BSS \ BSS 366 \ 366 FIRMWARE directory then run the program: 366LOAD.EXE. Configure the communications port appropriately and select GO to download the firmware file to the unit.

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## 366 PRESET LIBRARY PROGRAMMING VIA PCMCIA CARD:

### TO DOWNLOAD THE PRESET LIBRARY

- 1) TURN ON THE BSS 366
- 2) INSERT THE APPROPRIATE PCM CARD
- 3) PRESS THE RECALL KEY
- 4) PRESS THE "DOWN" ARROW
- 5) USE THE SCROLL WHEEL TO CHANGE FROM "INT" TO "CALL"
- 6) PRESS "RECALL"
- 7) PRESS "RECALL" AGAIN TO CONFIRM

### TO SELECT A PRESET

- 1) PRESS THE RECALL KEY
- 2) PRESS THE "DOWN" ARROW
- 3) USE THE SCROLL WHEEL TO CHANGE FROM "CALL" TO "INT"
- 4) PRESS THE "UP" ARROW
- 5) USE THE SCROLL WHEEL TO SELECT THE DESIRED PRESET
- 6) PRESS "RECALL"

Please refer to the Preset Description, User Parameters and Channel Assignment excel spreadsheet and your User Manual to determine the correct preset to use for your specific application

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## BSS 366 USER NOTES:

AUX SUBWOOFER DRIVE is possible for all presets since the subwoofer source is unlocked.

For 3-way stereo presets, to configure your unit for AUX SUB drive go to the UTILS menu and set STEREO LINK OFF. Select each subwoofer output channel individually (outputs 1, 4), scroll to the SOURCE parameter and set SOURCE = C. Return to the UTILS menu and reactivate STEREO LINKING, if desired.

For all V7 presets, PHASE COMPENSATION should be defeated (OFF) at all times since subwoofer and low sections are pre-aligned.



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### 366 PRESET LIBRARY PROGRAMMING VIA LONDON ARCHITECT

Before downloading the desired 366 .architect file it is recommended that you delete all user memories to clear the unit

If you have programs to back up you should do this to PCM card on a program-by-program basis before wiping the unit clean. To do this, select STORE, use the left arrow key + data wheel to select CPrg, then right arrow over and use the data wheel to select the preset to be saved and press ENTER/STORE again. Repeat these steps until all desired programs have been saved to PCM card.

*To clear the unit, hold down RECALL + MUTE Channel 1 + MUTE Channel 2.*

A menu will appear - scroll up using the arrow key until you have the "Del User Data" prompt. Press ENTER/STORE and wait a few minutes. This will delete all memories.

To download the .architect file, cable your computer and BSS 366 unit as described in the BSS users manual, i.e., connect from the serial port of your pc to the RS232 input of the BSS unit using a Female/Female Null Modem Cable with 9 pin D-SUB connectors.

From the UTILS menu, configure the BSS 366 unit as follows:

Serial Port = RS232

Midi Mode = PC Port

V-DOSC , dV-DOSC , KUDO and L-ACOUSTICS .architect preset files are contained their respective subdirectories of the \BSS366 directory and can be downloaded using BSS LONDON Architect software.

Start London Architect software

Select File / Open System then browse to select the appropriate .architect file.

Select the network window and wait for London Architect to poll the network and find all available units.

Verify that SERIAL COM1 / FDS 366 / UI is present

Select ONLINE

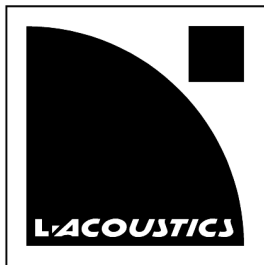
A window will open up stating:

Warning: Synchronizing to an FDS device erases all programs in the FDS device

Select "OK"

Select: PARAMETER SYNC "SEND ALL CONTROL VALUES"

OEM Preset Data is sent to the FDS366 and "WARNING – INCOMING DUMP" is displayed on the unit



## BSS README FILE

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### BSS 334, 336 MINIDRIVE

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The \334 and \336 subdirectories in the \ BSS directory contain .AYX system files that can be downloaded using BSS Ministore software.

To download the .AYX file, cable your computer and Minidrive unit by connecting from the serial port of your pc to the RS232 input of the BSS unit using a Female/Female Null Modem Cable with 9 pin D-SUB connectors.

Open the BSS MinistoreSetup.exe software and double click to install the Ministore preset manager software. Once the software has been installed, launch Ministore.

Select File / Load All then either:

\ BSS \ MINIDRIVE \ 334 Minidrive \ 334LACV7p3.AYX

or

\ BSS \ MINIDRIVE \ 336 Minidrive \ 336LACV7p3.AYX

Presets can be selected, deleted or rearranged in memory locations as required using Ministore before downloading to the unit. To download the selected presets, simply click on "Dump To".

*Note: MAKE SURE YOU GO TO THE UTILS MENU AND SET MIDI MODE PARAMETER TO PCPort*

Please refer to the Preset Description, User Parameters and Channel Assignment excel spreadsheet and your User Manual to determine the correct preset to use for your specific application

### BSS MINIDRIVE USER NOTES:

Output channel assignments for Minidrive 334 and 336 units are different from the BSS 366. When using Minidrive units with L-ACOUSTICS CO6 or CO24 control output panels and the new generation of COMB connectors, i.e., 2W STEREO, 2W(A), 2W(B), 3W(A), 3W(B), SUB(A), SUB(B) please refer to the following tables as a reference for MINIDRIVE channel assignments.



## 334 CHANNEL ASSIGNMENTS

### 2 way stereo mode

Output 1	LO (A)	CO6/CO24 Ch 2
Output 2	LO (B)	CO6/CO24 Ch 5
Output 3	HI (A)	CO6/CO24 Ch 3
Output 4	HI (B)	CO6/CO24 Ch 6

## 334 CHANNEL ASSIGNMENTS

### 3 way + I Mode

Output 1	SUB (A)	CO6/CO24 Ch 1
Output 2	LO (A)	CO6/CO24 Ch 2
Output 3	HI (A)	CO6/CO24 Ch 3
Output 4	SUB (B)	CO6/CO24 Ch 4

## 336 CHANNEL ASSIGNMENTS

### 2 way stereo mode

Output 1	FULL (A)	
Output 2	FULL (B)	
Output 3	LO (A)	CO6/CO24 Ch 2
Output 4	LO (B)	CO6/CO24 Ch 5
Output 5	HI (A)	CO6/CO24 Ch 3
Output 6	HI (B)	CO6/CO24 Ch 6

## 336 CHANNEL ASSIGNMENTS

### 3 way stereo mode

Output 1	SUB (A)	CO6/CO24 Ch 1
Output 2	SUB (B)	CO6/CO24 Ch 4
Output 3	LO (A)	CO6/CO24 Ch 2
Output 4	LO (B)	CO6/CO24 Ch 5
Output 5	HI (A)	CO6/CO24 Ch 3
Output 6	HI (B)	CO6/CO24 Ch 6