



XTA README FILE DP224, DP226, 4 SERIES, DP6i

XTA UPGRADE PROCEDURES

Detailed XTA upgrade procedures are outlined below. Some general guidelines:

- Always upgrade the operating software (firmware) of your units before downloading new presets.
- Verify that you have the latest software revisions. At the time of this release current revisions are:
 - XTA DP224 V2.90 firmware
 - XTA DP226 V3.90 firmware
 - XTA 4 SERIES V1.8 firmware
 - XTA DP6i V2.3 firmware
 - AUDIOCORE V8.2
 - XTAFlashLoad V3.12
- 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.

XTA DP224, DP226, 4 SERIES, DP6i PROGRAMMING PROCEDURES:

224, 226, 4 SERIES, DP6i FIRMWARE UPGRADE:

It is highly recommended that you upgrade XTA firmware to the latest revision before installing the V7 preset libraries (see below for instructions). Loader software and firmware upgrades can be downloaded from the XTA website (www.xta.co.uk) and are also provided with this preset release.

Unzip the V7 preset file, then open the directory : \ V7 PRESETS \ XTA \ XTA FIRMWARE.

Connect from the serial port of your PC to the RS232 input of the XTA unit using a Male/Female Null Modem Cable with 9 pin D-SUB connectors (refer to the XTA user manual to set communication parameters on the unit and the serial port configuration of your computer).

Run XTAFlashLoad.EXE and select:

COM Port / Speed

DP226, DP448, DP446, DP 444, DP424, DP6i or DP224 unit

'load program' option

226M_V390.bin (to upgrade DP226 firmware)

or 224M_V290.bin (to upgrade DP224 firmware)

or 26iM_V23.bin (to upgrade DP6i firmware)

or 448M_V180.BIN, 446M_V180.BIN, 444M_V180.BIN, 424M_V180.BIN (to upgrade 4 SERIES firmware)

CONNECT (to carry out the firmware upgrade)



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224, 226, 4 SERIES PRESET LIBRARY PROGRAMMING VIA PCMCIA CARD:

TO DOWNLOAD THE PRESET LIBRARY:

- 1) TURN ON THE XTA 224, 226 OR 4 SERIES AND WAIT FOR THE UNIT TO WAKE UP
- 2) INSERT THE APPROPRIATE PCM CARD
- 3) PRESS THE MENU KEY
- 4) THE UNIT WILL DISPLAY "PRESET UPDATE [ENTER] TO CONFIRM"
- 5) PRESS THE [ENTER] KEY
- 6) THE UNIT WILL THEN LOAD THE PRESETS FROM THE PCMCIA CARD AND RESET

TO SELECT A PRESET USE THE FOLLOWING KEY SEQUENCE:

MENU
XOVER SUBMENU
ENTER
LOAD A XOVER
ENTER
Scroll up/down using BACK/NEXT to select the desired preset
ENTER
ENTER

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

NOTE: XTA treats input and preset memories separately. Be careful to reset input parametric filters and predelay before system tuning. A good technique is MENU / INPUT SETUP / INPUT OPTIONS / GANG INPUTS (Y/N) / ALL PEQS FLAT? – YES. Following this, input A and B, (C and D for DP448, 446, 444,) predelay must be zeroed manually.

XTA DP448, 446, 444 AUC SUB DRIVE

Routing can be changed on the DP448, 446, 444 SERIES to allow for aux drive via input C using AUDIOCORE.

Aux sub drive can be configured as follows:

- 1) Recall the desired preset on the front panel of the connected unit(s).
Select Refresh or perform an upload to AudioCore
Select Device Modify and then change sub routing (Output 1 / Input A by default to Input C)
- 2) Alternatively, recall the desired preset in AudioCore (from the appropriate XBL file) and change the routing by selecting Device Modigy before downloading to the unit.



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224, 226, 4 SERIES, DP6i PRESET LIBRARY PROGRAMMING VIA .BIN FILE:

XTAFlashLoad (see FIRMWARE UPGRADE PROCEDURE above) is also used to download the binary preset files 226R001*.bin, 224R001*.bin, 448R001*.bin, 446R001*.bin, 444R001*.bin, 424R001*.bin to the XTA DP226 (or DP6i), DP224, DP448, DP446, DP444, and DP424 respectively.

Connect from the serial port of your pc to the RS232 input of the XTA unit using a Male/Female Null Modem Cable with 9 pin D-SUB connectors (refer to the XTA user manual to set communication parameters on the unit and the serial port configuration of your computer).

Run LOAD226.EXE and select:

Com Port / Speed

DP6i or 226 or 224 or 4 SERIES unit

'load presets' option

BROWSE to ..\XTA DP226\dV-DOSC V7\226R000I dV-DOSC V7.bin

or.. \XTA DP226\L-ACOUSTICS V7.I\226R000I L-ACOUSTICS V7pI.bin

or ..\XTA DP226\V-DOSC V7\226R000I V-DOSC V7.bin

(to load 226 or DP6i presets)

or ..\XTA DP224\dV-DOSC V7\224R000I dV-DOSC V7.bin

or.. \XTA DP224\L-ACOUSTICS V7.I\224R000I L-ACOUSTICS V7pI.bin

or ..\XTA DP224\V-DOSC V7\224R000I V-DOSC V7.bin

(to load 224 presets)

or.. \XTA DP448\L-ACOUSTICS V8.I\448R000I L-ACOUSTICS V8pI.bin

or ..\XTA DP448\MTD V7.I\448R000I MTD V7pI.bin

(to load 448 presets)

or.. \XTA DP446\L-ACOUSTICS V8.I\446R000I L-ACOUSTICS V8pI.bin

or ..\XTA DP446\MTD V7.I\446R000I MTD V7pI.bin

(to load 446 presets)

or.. \XTA DP444\L-ACOUSTICS V8.I\444R000I L-ACOUSTICS V8pI.bin

or ..\XTA DP444\MTD V7.I\444R000I MTD V7pI.bin

(to load 444 presets)

or.. \XTA DP424\L-ACOUSTICS V8.I\424R000I L-ACOUSTICS V8pI.bin

or ..\XTA DP424\MTD V7.I\424R000I MTD V7pI.bin

(to load 424 presets)

CONNECT (to carry out the preset download)

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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NOTE: MANY ADDITIONAL PRESETS ARE AVAILABLE IN THE SUPPLIED .XBL FILES AND CAN BE DOWNLOADED VIA AUDIOCORE (SEE THE FOLLOWING SECTION)

NOTE: XTA DP226 BINARY FILES ARE USED FOR PROGRAMMING THE DP6i. PLEASE SEE THE FOLLOWING SECTION FOR A DESCRIPTION OF HOW TO USE AUDIOCORE TO PROGRAM THE DP6i FRONT PANEL MEMORIES (1-4)

224, 226 / DP6i and 4 SERIES PRESET DOWNLOAD VIA .XBL FILE USING AUDIOCORE:

- 1) Connect from the serial port of your pc to the RS232 input of the XTA unit using a Male/Female Null Modem Cable with 9 pin D-SUB connectors (refer to the XTA user manual to set communication parameters on the unit and the serial port configuration of your computer).
- 2) Start Audiocore
- 3) Select: Remote on the main Audiocore menu bar then the appropriate COM port and baud rate
- 4) Select: File / New / Build System from Connected Units
(Audiocore will then scan and find all connected units)
- 5) Select: Get Current Settings Only
- 6) Highlight the desired unit then select: Device / Modify / Presets
- 7) Browse and select the appropriate XBL file for the 224, 428 or 226 / DP6i, i.e.,

DP224 \V7 PRESETS\XTA\XTA DP224\224 WST V7p5.XBL

or ...

DP226 or DP6i \V7 PRESETS\XTA\XTA DP226\226 WST V7.5.XBL

or

DP448 \V7 PRESETS\XTA\XTA DP448\448 WST V7.5.XBL

or

DP446 \V7 PRESETS\XTA\XTA DP446\446 WST V7.5.XBL

or

DP444 \V7 PRESETS\XTA\XTA DP444\444 WST V7.5.XBL

or

DP4424 \V7 PRESETS\XTA\XTA DP424\424 WST V7.5.XBL



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- 8) Select the desired preset and then OK to download to the unit
 - 9) For the DP6i, the Memory Store function in Audiocore can then be used to program the front panel memories (1-4).
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224, 226, 4 SERIES PRESET LIBRARY PROGRAMMING TO PCMCIA CARD:

NOTE: Before programming PCMCIA Preset backup card please follow procedure for either:

1) PROGRAMMING VIA PCMCIA CARD:

OR

2) PROGRAMMING VIA .BIN FILE:

To program PCMCIA card:

- 1) LOAD IN THE DESIRED PRESET LIBRARY
- 2) ONCE PRESET IS FULLY LOADED TURN OFF THE PROCESSOR
- 3) BEFORE INSERTING CARD VERIFY THAT THE WRITE PROTECT SWITCH IS IN THE UNLOCKED POSITION
- 4) INSERT CARD INTO THE SLOT DESIGNATED PC CARD IN THE FRONT OF THE PROCESSOR
- 5) PRESS AND HOLD THE MENU KEY WHILE TURNING ON THE UNIT AT THE SAME TIME
- 6) WAIT FOR THE UNIT TO CYCLE THE DISPLAY WILL READ (**ENTER SECURITY CODE**)
- 7) TAKE YOUR FINGER OFF OF THE MENU KEY AND ENTER THE CODE BY PRESSING THE GREY KEYS CORRESPONDING TO THE OUTPUT NUMBER AND INPUT LETTER ON THE FRONT OF THE PROCESSOR:

PASS CODE (3AB42) FOR DP 224 PROCESSOR

PASS CODE (3AB4) FOR DP 226 PROCESSOR

PASS CODE (3AB4) FOR DP 4 SERIES PROCESSORS

- 8) ONCE THE CORRECT CODE IS ENTERED THE PROCESSOR DISPLAY WILL READ:
(**PLEASE REMOVE CARD**
CARD DATA MATCHES)

- 9) REMOVE CARD AND LET THE PROCESSOR WAKE UP

NOTE: DO NOT INTERRUPT IT IN THE MIDDLE OF THE WAKING UP PROCESS



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TO VERIFY THAT THE CARD HAS BEEN CORECTLY PROGRAMMED

- 11) INSERT THE APPROPRIATE PCM CARD
- 12) PRESS THE MENU KEY
- 13) THE UNIT WILL DISPLAY "PRESET UPDATE [ENTER] TO CONFIRM"
- 14) PRESS THE [ENTER] KEY
- 15) THE UNIT WILL THEN LOAD THE PRESETS FROM THE PCMCIA CARD AND RESET

TO SELECT A PRESET USE THE FOLLOWING KEY SEQUENCE:

MENU
XOVER SUBMENU
ENTER
LOAD A XOVER
ENTER
Scroll up/down using BACK/NEXT to select the desired preset
ENTER
ENTER

NOTE: Refer to the MASTER LIST in the V-DOSC, dV-DOSC, KUDO L-ACOUSTICS or MTD setup spreadsheet for channel assignments and your User Manual to determine the correct preset to use for your specific application