VDCDS Technical Field Bulletin #: 004

To: Dealers/Manual Subscribers   **Date:** 7/9/2004

VDCDS Ref No.: 3292

VDCDS Model: Marquee™ 8500/9500 Series U35 - Control Module, version 4.7 through 5.0.
    Marquee™ 8510 Series U35- Control Module, version 5.3 or lower.
    Marquee™ 8521 (HUD) Series U35- Control Module, version 1.6 or lower.

Subject: Alternate language selection
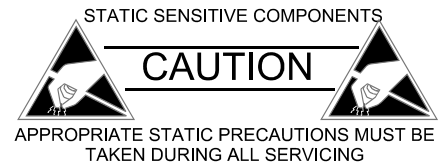
Corrective Action: See Below

Parts Required			
VDCDS P/N	Description	Qty	Circuit Symbol
38-801067-96	Marquee™ Librarian Software	1	N/A
04-000009-05	Marquee™ Languages Disk 5.0	1	N/A

Tools / Materials Required (Not Provided)		
PC/Laptop	IC Extraction Tool	

Rework Instructions;

ESD precaution must be observed at all times. Static sensitive assemblies must be handled properly and packaged within a static bag. Failure to do so may VOID the warranty. Plastic bags and bubble wrap are not static protective.

STATIC SENSITIVE COMPONENTS

⚠ CAUTION ⚠

APPROPRIATE STATIC PRECAUTIONS MUST BE TAKEN DURING ALL SERVICING

IMPORTANT ! :   *If selection of an alternative language is preformed without the proper language files installed, the system will lockup, reinitialize and all setup data will be lost.*

1.0   How to verify if "FLASH" is required

Step 1. **SAVE YOUR DATA!** Using the Marquee Librarian download (save) all current setups to disk. Failure to perform this will result in the lost of all setup data.
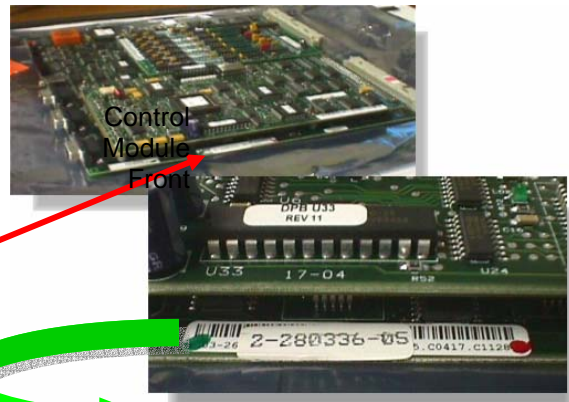
IMPORTANT ! :   DO NOT PREFORM Step 2 unless Step 1 has been performed. Failure to perform this will result in the lost of all setup data.

Step 2. Go to the Utilities menu [**UTIL**], select [**5**], Preferences, then select [**5**], Language.

a. If the systems either toggles to a different language or if the selection does not change and always indicates "ENGLISH", the ROM has been flashed. Otherwise, if the system ocks-up and reintilizes, the ROM has not been flashed. See Note 1 for replacement part reference

For replacement parts; if you receive a replacement part with a green dot located on the main control board part number/serial number label, the ROM has been flashed at the factory. See

NOTE 1:   Photo 1. Otherwise the flash procedure is required.

Control Module Part Number / Serial Number label location

Control Module Front

Green indicates the board is "FLASHED"

Photo 1. Control Module FLASH indicator location.

Green indicates the bo

2.0 How to erase the Flash ROM

Step 1. Connect your PC serial port to the projector's RS232 "IN" port.

Step 2. Connect the main AC supply and power the unit on.

IMPORTANT ! : Make sure the "english.rsc" file **is not** in the same folder with Marquee™ Librarian executable file. (Ml1_8.exe)

Step 3. From your PC, Run Ml1_8.exe file (Marquee Librarian file)

Step 4. Verify "COM Port" is correct by selecting <F7>-Set Communications Port (COM1 or COM2).

Step 5. *If required*, set projector number <F8>

Step 6. Press <F6> - Alternate language

Step 7. Press Enter < ↵ >

Step 8. Software will prompt "DO you want to erase the Flash device before downloading? " [Y/N]
Select: Y (Yes)

NOTE 2: Section 2.0, Step 6 is only required once.

Step 9. AN error message(s) will prompt; ignore this message(s), you do not need to download the "English.rsc"

Step 10. Now, your Flash ROM is erased.

3.0 Restore Your Data

Step 1. Again using the Marquee™ Librarian, upload (restore) you're previously saved setup data.

Marquee™ Librarian Reference Screens

➢ Main Screen

```
Setup Library Commands

SAVE
   F1 - All Parameters

RESTORE
   F2 - All Parameters
   F3 - Projector Setups
   F4 - Preferences
   F5 - Channel List
   F6 - Alternate language

PROGRAM OPTIONS
   F7 - Set Communications port
   F8 - Set Projector Number
   F9 - View online manual
   F10- EXIT
```

➢ Com Port Selection <F7> Enter 1 or 2

```
Select the communications port
by entering either 'com1' or 'com2'

          com1
```

Alternate Language Selection <F6>; press Enter <↵>

IMPORTANT ! : Make sure the "english.rsc" file **is not** in the same folder with Marquee™ Librarian executable file. (Ml1_8.exe)

```
Enter the name of the file:
    Press 'ESC' to cancel
english.rsc
```

➢ Flash screen; Press "Y"

```
Do you want to erase the Flash
device before downloading?

      [ Y / N ]
```

➢ Erasing Flash

```
ERASING FLASH DEVICE

   Press a key to continue
```

➢ Error Screen; ignore error(s) and press any key to continue

```
Unable to open 'english.rsc'

   Press a key to continue
```

➢ Contact VDCDS Technical Services for the procedure on adding alternate languages, replacement parts and/or additional parts required.