### **Procedure to upgrade the Main FW by using RS232 port**

## I) Installation process for VB6

Follow the steps below to install VB6 (Visual Basic 6) (If, VB 6 is not already installed in your PC):

- a) Double click the "Setup\_Updater\_905E.zip" file
- b) You will see the folder named "Setup\_Updater\_905E"
- c) Double click the "Setup\_Updater\_905E" folder
- d) Double click on "setup.exe" and "Install" process will begin. You will see following screen.

😼 Updater Setup					
Welcome to the Updater installation program. Setup cannot install system files or update shared files if they are in use. Before proceeding, we recommend that you close any applications you may be running.					
-	OK Exit Setup				

#### e) Click OK

#### f) You will see following screen

💋 Updater Setup	)	X			
Begin the installation by clicking the button below.					
Click this button to install Updater software to the specified destinati directory.					
Directory:					
C:\Program Files\U	pdater\	Change Directory			
	E <u>x</u> it Setup				

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g) Click on the button shown by arrow in the following figure.

🝰 Updater Setup						
Begin the installation by clicking the button below.						
Click this button to install Updater software to the specified destination directory.						
Directory: C:\Program Files\Updater\	Change Directory					
E <u>x</u> it Setup						

#### h) You will see following screen

🔀 Updater - Choose Program Group	×			
Setup will add items to the group shown in the Program Group box. You can enter a new group name or select one from the Existing Groups list.				
Program Group: <mark>Updater</mark>				
Existing Groups:				
Accessories Startup				
Updater				
Cancel				

i) Click on "Continue" button.

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j) The installation process will continue and when it is complete, following screen will appear.

Updater Setup	X	
Updater Setup was completed successfully.		
ОК		

- k) Click "OK" button.
- 1) This will complete the "installation process for VB6"

# **II) Procedure for Upgrading Main FW on the unit**

Connect the RS232 port of your PC to the receiver (unplugged) RS232 port by using a RS232 straight cable. Keep unit unplugged. Press ENTER button and in this condition you should plug the receiver in the AC outlet. You will see on the display "Main Update mode". After this follow the following steps.

a) Unzip "App\_Updater\_905.zip"

b) Open the unzipped "App\_Updater\_905" folder and Double click on "update.exe". You will see following GUI.

🖻 Updater	
COM Port(C) COM Port Speed	
Firmware Read Result ************************************	Log Visible
Main Update	

- m) Check the COM port. It should be same as the RS232 port of your PC connected to your receiver (usually COM1).
- n) Click on "Main Update" button.

- o) The unit will start first "Erase" function and then it will start "Write" function.
- p) The whole process may take around 15 to 20 minutes.
- q) If the power fails during this process, then close the above updater GUI by clicking on the X mark on top right side corner. When the power comes back, reopen the above GUI by clicking on "update.exe". Then press "Main Update" and unit will continue writing process.
- r) When the update is complete, the unit will go to standby mode.
- s) Turn on the unit and check the upgraded main FW version by holding display button and then pressing Standby/On button.