



INSTRUCTION MANUAL

For the

RF-ATV-107-608-v1.00

DIGITAL STEP ATTENUATOR



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Introduction to RF-ATV-107-608-v1.00:

RF-ATV-107-608-v1.00 is a software developed by RFME for the purpose of Remote Access of Digital Step Attenuator(DSA).

RF-ATV-107-608-v1.00 provides auto connection to DSA as well as easy reconnection without closing the software, once the DSA gets disconnected.

RF-ATV-107-608-v1.00 provides the feature of changing the attenuation level by few fixed values.

RF-ATV-107-608-v1.00 also provides the feature to change the attenuation level incremented or decremented in 0.25 step by the previous value.



Installation process for Windows11:

- A.Open the RF_KIT.msi file.
- **B.** Welcome screen will be shown first. Press next to continue as shown in below diagram.



Diagram 1.1

C. Default location for installation is mentioned in **Diagram 1.2**. Press next to continue.

RFUIATV107608_v_1.00		– 🗆 X
Select Installation Fold	ler	5
The installer will install RFUIATV10760	08_v_1.00 to the following folder.	
To install in this folder, click "Next". To	o install to a different folder, enter it be	elow or click "Browse".
<u>F</u> older:		
C:\Program Files (x86)\RF Microted	ct Electronics\RFUIATV107608_v_	Browse
		Disk Cost
Install RFUIATV107608_v_1.00 for	yourself, or for anyone who uses this	computer:
O Everyone		
O Just me		
	< Back Next >	Cancel
xt to continue.	< Back Next > Diagram 1.2	Cancel
ext to continue.	< Back Next > Diagram 1.2	Cancel
ext to continue. RFUIATV107608_v_1.00 Confirm Installation	< Back Next > Diagram 1.2	Cancel
ext to continue. RFUIATV107608_v_1.00 Confirm Installation The installer is ready to install RFUIAT	< Back Next > Diagram 1.2 V107608_v_1.00 on your computer.	Cancel
Ext to continue. REUIATV107608_v_1.00 Confirm Installation The installer is ready to install REUIAT Click "Next" to start the installation.	< Back Next > Diagram 1.2	Cancel
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ext to continue. RFUIATV107608_v_1.00 Confirm Installation The installer is ready to install RFUIAT Click "Next" to start the installation.	< Back Next > Diagram 1.2 U107608_v_1.00 on your computer.	Cancel



After Installation, desktop as well as Windows Menu Bar will have its shortcut enabled.

RFUIATV107608_v_1.00	—		\times
Installation Complete			
RFUIATV107608_v_1.00 has been successfully installed. Click "Close" to exit.			
Please use Windows Update to check for any critical updates to the .NET	Framewo	ırk.	
< Back Close		Car	icel

Diagram 1.4

After installation, Connect the DSA to the PC through USB cable. Software detects the available ports and recognize the device's type & model number.



User Interface:

1. Default window of the software is shown in the below diagram. All the controls are disabled before the connection of DSA to prevent unnecessary faults.

🖳 RFUIATV107608_v1.00	×		
Att	enuation	(dB)	?
Manual Control:	Quick Set:		
00	-5.00	-10.00	-15.00
Frequency Range:	-20.00	-25,00	-30.00
0.1 to 5.6 GHz	Lower Lin	nit U	oper Limit
ł	Reach Us:		0 c f

2. Once the DSA connection is established, all the controls get enabled & a pop-up notification is given with the sound. Below is the diagram that shows the connection status.

Digital Step Attenuator	×
RFATV-107-608 Connected	
ОК	

3. Below diagram shows functionalities of RFUIATV107608_v1.00.





- A. Displays the current attenuation level. By Default, it is set to -34.25 dB. This attenuation level is changeable through keyboard keys "Enter" & "Up/Down(arrow keys)" also.
- B. This button increases the attenuation level by 0.25 dB.
- C. This button decreases the attenuation level by 0.25 dB.
- D. Gives the information regarding operational frequency of the DSA.
- E. Shows the connection status & model number of the DSA. When the device gets connected to the software, this USB symbol turns Green. And when device gets disconnected, USB symbol again turns Red.
- F. Sets the attenuation level to any of the value from "Quick Set".
- G. Provides social media links.
- H. Provides the link for User Manual.



4. Below message is shown with sound when the DSA gets disconnected.



NOTES