



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 re-connection 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.

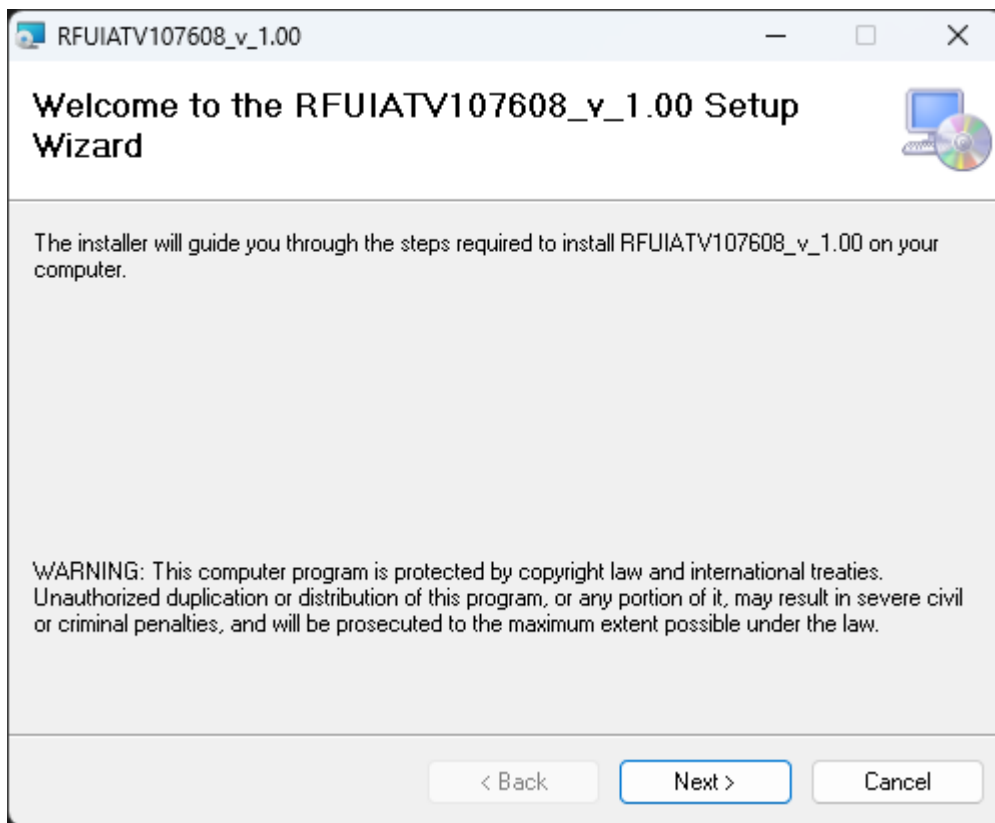


Diagram 1.1

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

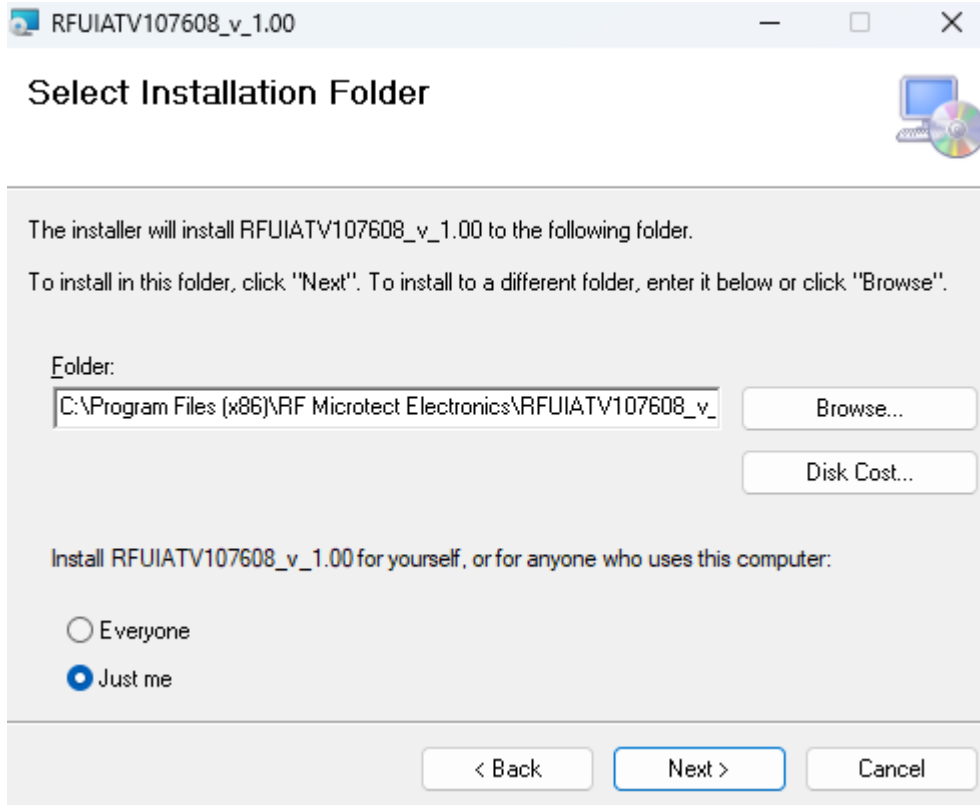


Diagram 1.2

D. Press Next to continue.

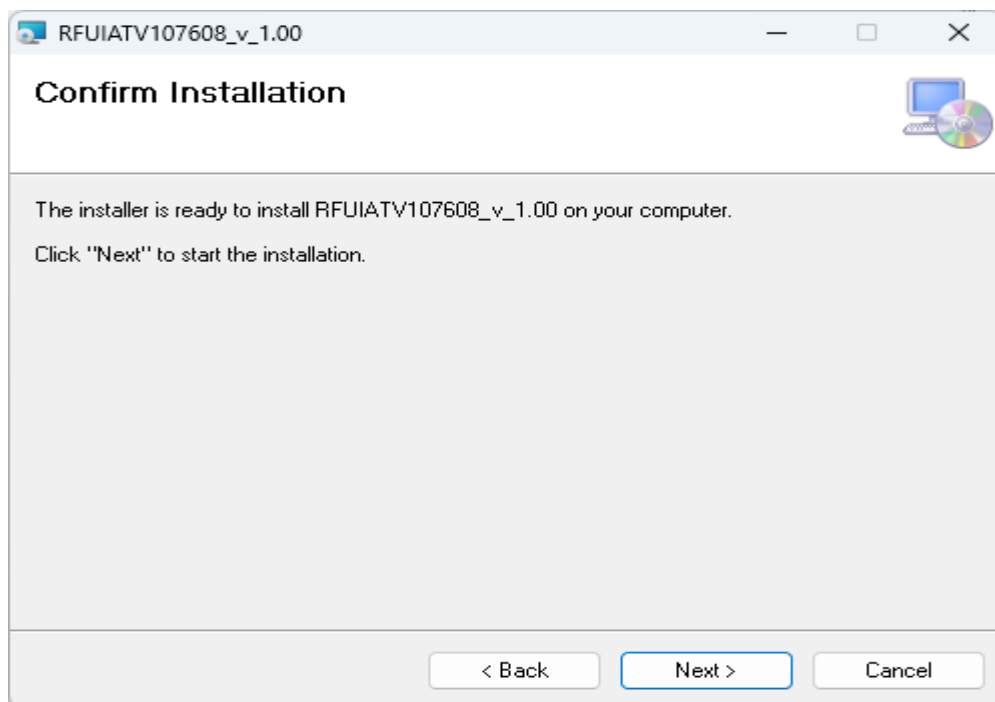


Diagram 1.3

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

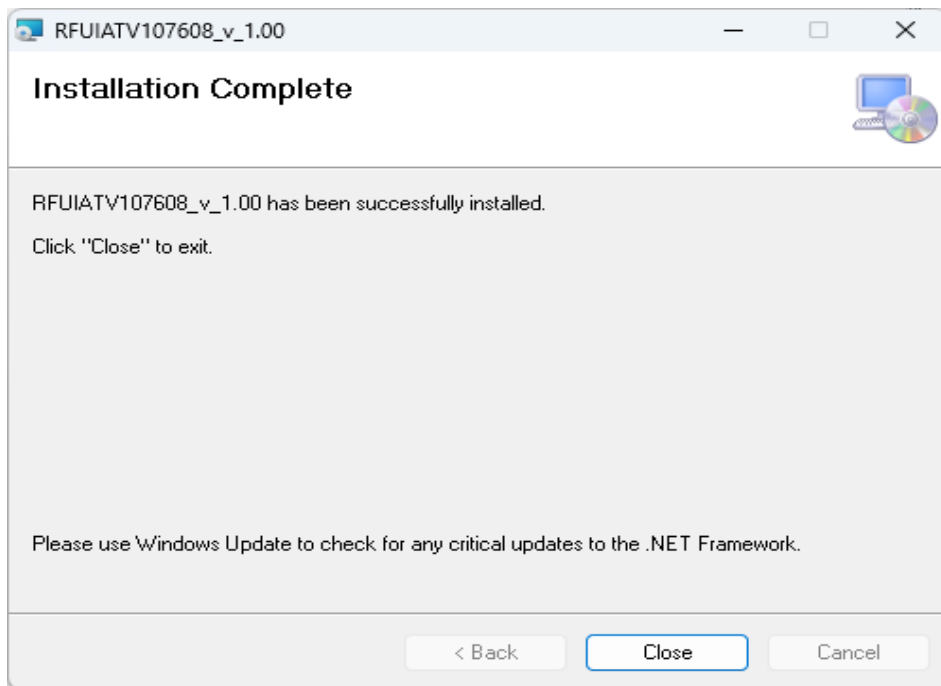
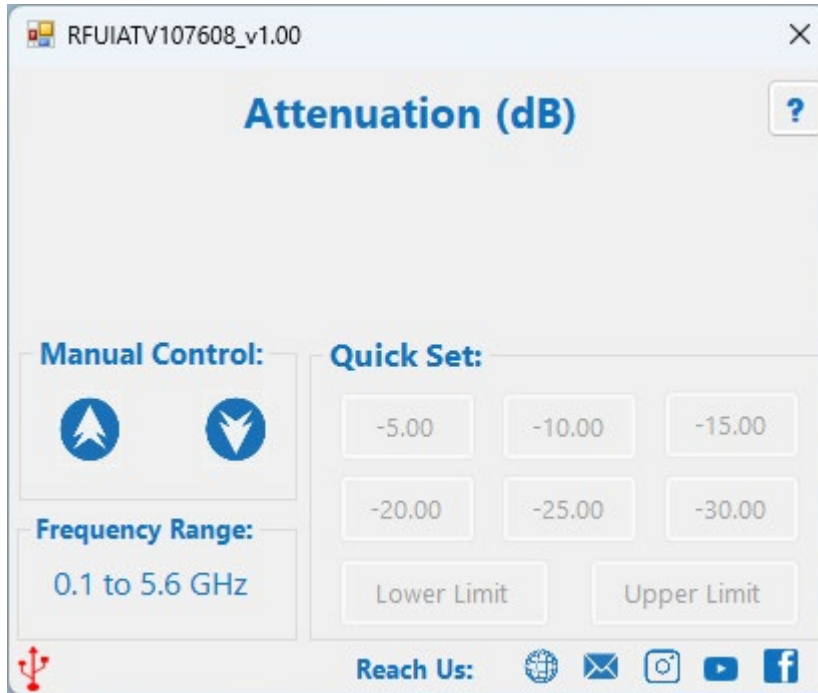


Diagram 1.4

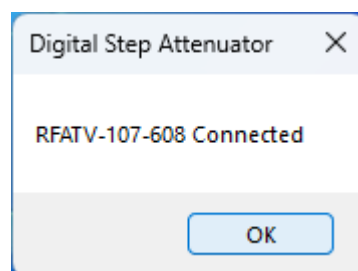
After installation, Connect the DSA to the PC through USB cable. Software detects the available ports and recognize the device's type & model number.

User Interface:

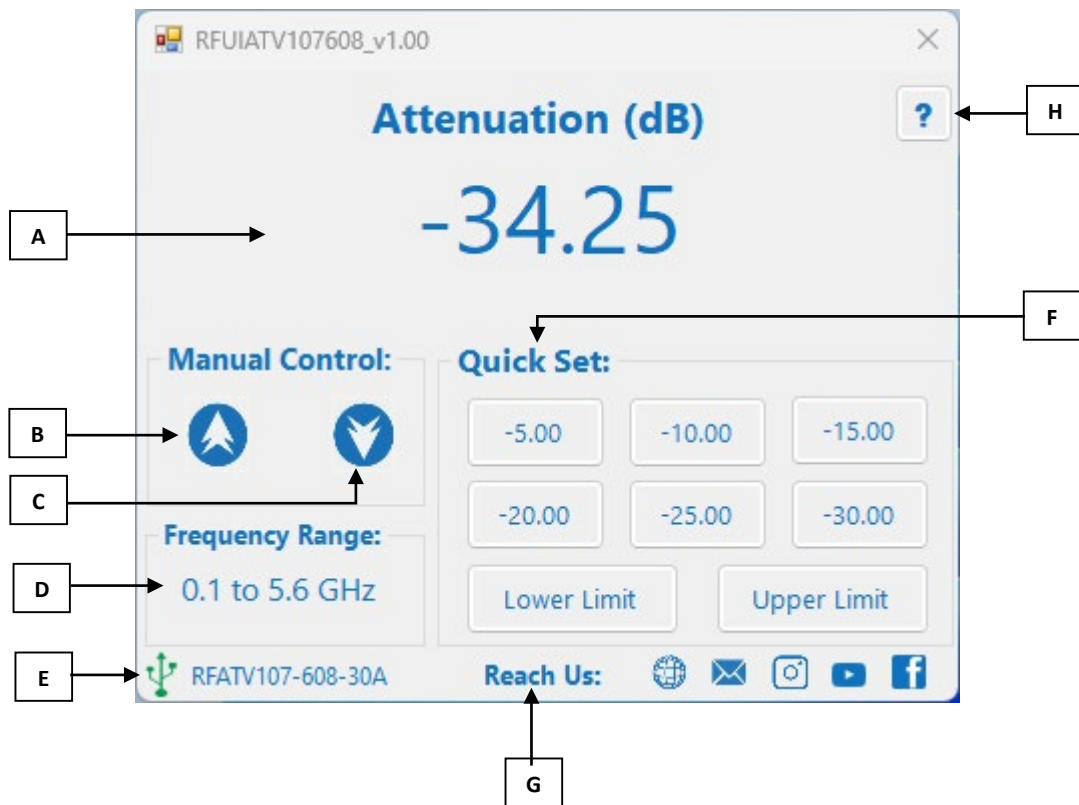
1. Default window of the software is shown in the below diagram. All the controls are disabled before the connection of DSA to prevent unnecessary faults.



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.

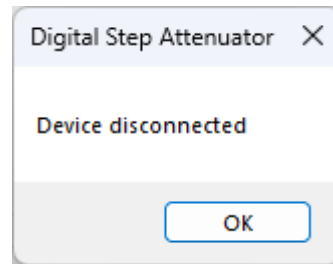


3. Below diagram shows functionalities of RFUIATV107608_v1.00.



- 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