

ARL2300 Client Software Guide

Do this first!

● Address
Enter the IP address or hostname of the ARL2300 LAN box. Or, select following from dropdown list.

● User, Password
Enter connection username and password of the ARL2300 LAN box.

● TCP, UDP
Enter the TCP port number and the UDP port number for the ARL2300 LAN box. (Can also be added to address).

● Connect button
Click Connect button to start connection to the ARL2300 LAN box. Above information has to be set first!

● Quit button
Click Quit button to disconnect from the ARL2300 LAN box, store the connection information into the dropdown list, and quit this software.

● Remote Receiver Power OFF
If checked, upon disconnection the remote receiver is turned off.

● MODE
Select receiver demodulation mode. AUTO enables automatic mode selection of IF-BW and STEP.

● IF-BW
Select IF bandwidth manually.

● ATT
Select input signal attenuation level or RF-Amp. AUTO enables automatic selection.

● ANT
Select antennas or AUTO selection.

Adjustment by dragging the slider or hovering the mouse over the slider and scrolling the mouse wheel up or down.

● AF Gain
Adjust the volume.

● V/U SQL, HF SQL
Adjust the squelch level: Use HF SQL for frequencies below 25 MHz, and V/U SQL for over 25MHz.

● Spectrum Display
Spectrum displayed in real time. Receive frequency is the center frequency.
Click on spectrum: Receiver is tuned to the clicked frequency. Mouse wheel:
Change span of spectrum display (800kHz to 10MHz).

● SPAN
Select span of spectrum display by dropdown list.

This software can only control the VFO mode of the receiver.

● Frequency
(Min: 0000.040000 MHz, max 3150.000000 MHz)
Change the receive frequency by either:
- Hovering with the mouse over each digit and scrolling the mouse wheel up or down.
- Entering the frequency via the PC keyboard + ENTER key or click [MHz] button.
- Hovering with the mouse over the dial symbol and scrolling the mouse wheel up or down.

● Close button (X)
Quit this software without storing connection information.

● Audio Delay
Shows audio output delay time or other status.

● MUTE
Check to mute audio of this client. Note: Sound is automatically muted during 3 seconds upon connection start.

● Quality
During the mute, you can change audio quality.
Sampling rate: 1(Low): 8kHz, 2:16kHz, 3(HIGH): 22.05kHz

● SP / PHONES
Choose audio source of the ARL2300. Either SP Jack or PHONE Jack of the receiver.

● STEP [kHz]
To manually select a frequency step from the dropdown list.

● BUSY
Shows an open squelch. Grayed out when squelch is closed.

● S-Meter
Shows received signal level in dB.

● HideModes
Hide the panes of MODE, IFBW, ATT and ANT to shorten the height of the window for small PC screens.

● VFO-A, B, C, D, E button
Select a VFO for the receive frequency.

● SD Rec / Play
When a SD card is inserted in the receiver, you can activate recording, play back and delete audio files.

REC
Click REC button to start recording. File name format according to date and time; "MMDDhmm.WAV". Note: Same file names are overwritten.

PLAY
Select a file and click PLAY button to start play back of the selected file.

DEL
Select a file and click DEL button to delete the selected audio file.

STOP
Click STOP button to stop recording or play back.

● Window Resize
Resize this window by dragging with the mouse.

● Command Terminal
Enable the terminal window for testing commands of the receiver.