

The ADMS-DX1200 Programmer is designed to give you the ease and convenience of programming the memories and set menu options of your radio from your PC.

Memory Channels* Include:

- 99 Memory Channels
- 18 Limit Memories (9 pair)

Other Menu Item Categories Include:

- Common 1
- Common 2
- Rx/Tx
- Operating Mode

The Programmer Is for so Much More than Just Memory Management.

With the ADMS-DX1200 Programmer you can begin a new “factory fresh” file into which frequencies and option settings are entered. Or, you can read from the radio, store these details on your computer and make changes. Then, with minimal button pushing, send the new configuration back to the radio.

The Programmer allows you to create and save as many files as you want for your radio. Files can even be shared between users via email or the Internet.

Managing all the options of this radio becomes easy with the Programmer. The cut, copy, paste and insert features of the Programmer make channel management easier than ever.

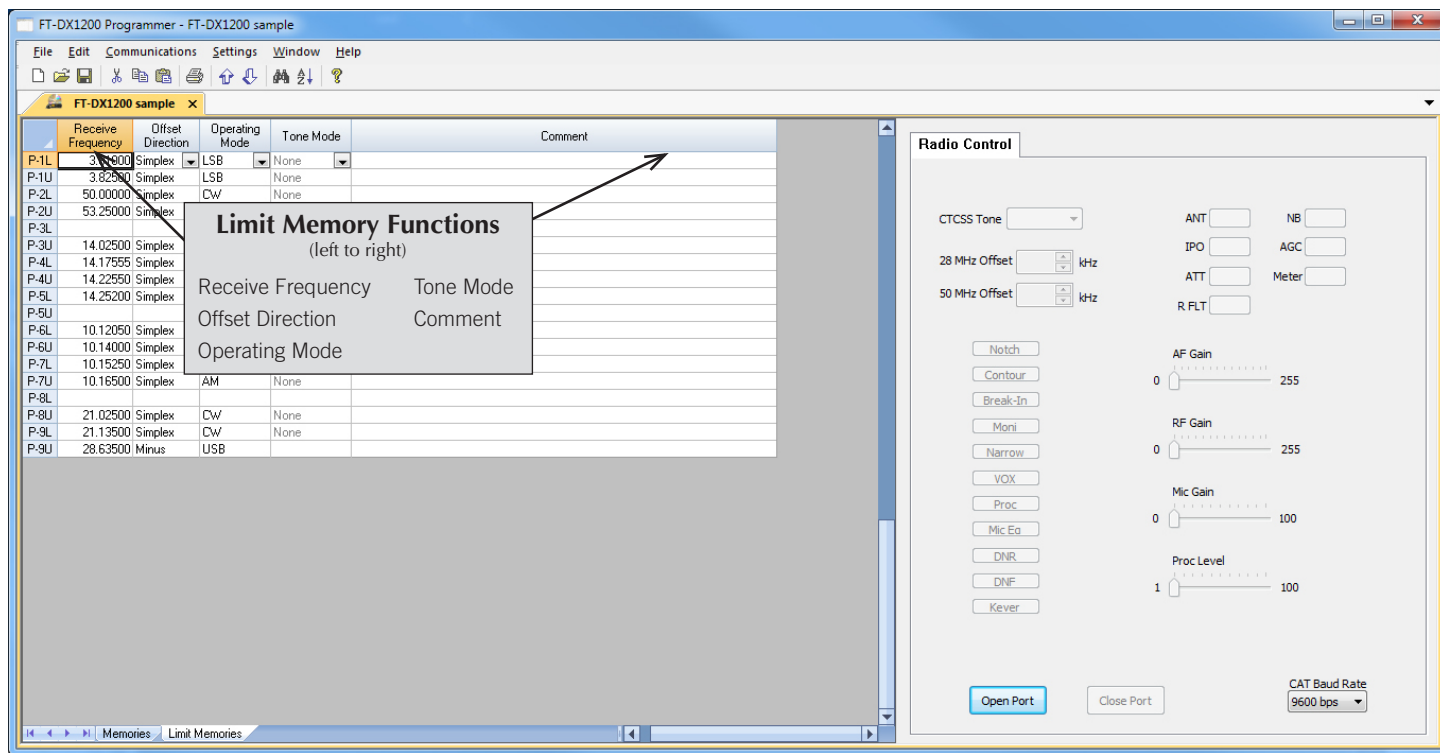
Open more than one file at a time. Memory channel information can be copied from one file to another within the Programmer making it really easy to set up a new file.



Hardware Requirements:

A PC running Windows XP (SP3), Vista, Windows 7 (32 or 64 bit) or Windows 8 or 8.1 (full version). A CD drive (local or network) for installation. A free USB port. The RT Systems USB-63 interface cable. The cable connects the radio to the computer from the USB port on the computer to the DB-9 CAT jack on the radio.





Limit Memories

Limit Memories are used by the radio for Programmable Memory Scanning (PMS). Program the same details for Limit Memories as for regular memory channels.

Radio Control

Make changes to these options of the radio in real time using the Radio Control options of the Programmer.

[Buy Now](#)

Menu Settings for FT-DX1200 - Untitled.rsf

File | Tabs | Help

Common 1 | Common 2 | Rx / Tx | Operating Mode

General

☐ Memory Group ☒ Mic Scan

☒ MDX

Antenna Select: Band

Quick Split Offset: +5 kHz

ANT2 Setting: Tx

Tx TOT: Off

NB Level: 50

μTune Dial Step: Dial Step-1

Beep Level: 50

Mic Scan Resume: Time

Monitor Level: 50

Freq Adjust: 0

RV SQL VR: RF

TXW Dial Select: VFO-B

Display

My Call: FTDX1200

My Call Time: 1 sec

Bar Display Select: CW Tune

Color: Blue

Meter Type Select: Analog

LED Dimmer: 2

Meter Peak Hold: Off

TFT Layout: Type 1

Rotator Start-Up: 0°

TFT Dimmer: 8

Rotator Offset Adj: 0°

Keyer

F Keyer Type: Elekey

Elekey Type: Elekey-B

F Keyer Polarity: Normal

CW Weight: 1/3.0

R Keyer Type: Elekey

Number Style: 1230

R Keyer Polarity: Normal

Beacon Time: Off secs

Contest Number: 0001

Decode CW

☒ Rx USOS

Bandwidth: 100 Hz

Tx Diddle: Blank

PSK Mode: BPSK

QPSK Polarity Rev: Rx-N, Tx-N

☒ Tx USOS

Rx New Line Code: CR, LF, CR+LF

Baudot Code: US

Decode AFC Range: ±15

☒ Tx Auto CR+LF

Common 1 and Common 2

Use these screens to customize other set menu features of the radio. Check boxes toggle features on or off, drop down menus list all selections and blank boxes for personalized entry add to the ease of setting up your radio exactly like you want it.

Menu Settings for FT-DX1200 - Untitled.rsf

File | Tabs | Help

Common 1 | Common 2 | Rx / Tx | Operating Mode

AF Scope

FFT Display Mode: Spectrum

FFT ATT: 10 dB

Scope

Mode: Center

Speed: Fast

Auto Time: Off

Start Dial Speed: 8 kHz/sec

Center Span Freq: 100 kHz

Fix 1.8 MHz Span: 200 kHz

Fix 1.8 MHz: 1800 kHz

Fix 18 MHz Span: 100 kHz

Fix 18 MHz: 18068 kHz

Fix 3.5 MHz Span: 500 kHz

Fix 3.5 MHz: 3500 kHz

Fix 21 MHz Span: 500 kHz

Fix 21 MHz: 21000 kHz

Fix 5.0 MHz Span: 200 kHz

Fix 5.0 MHz: 5250 kHz

Fix 24 MHz Span: 100 kHz

Fix 24 MHz: 24890 kHz

Fix 7.0 MHz Span: 500 kHz

Fix 7.0 MHz: 7000 kHz

Fix 28 MHz Span: 1000 kHz

Fix 28 MHz: 28000 kHz

Fix 10 MHz Span: 50 kHz

Fix 10 MHz: 10100 kHz

Fix 50 MHz Span: 1000 kHz

Fix 50 MHz: 50000 kHz

Fix 14 MHz Span: 500 kHz

Fix 14 MHz: 14000 kHz

The entries on the Settings screens are made for you to “Set and Forget”. Once settings are customized, you are prompted to save before exiting. The saved settings will be there every time you create a new frequency file.

Menu Settings for FT-DX1200 - Untitled.rsf

File Tabs Help

Common 1 Common 2 Rx / Tx Operating Mode

AGC

Fast Delay 500 ms Slow Delay 4000 ms
Mid Delay 1000 ms Slope Normal

Rx DSP

APF Width Medium DNR Level 3
Contour Level -15 dB IF Notch Width Wide
Contour Width 10

Tx General

Tx Max Power 100 VOX Select Mic
Ext Amp Power 100 VOX Gain 50
Tuner Select Internal Anti VOX Gain 50
VOX Delay 500 ms
☐ Emergency Freq Tx

DVS

Rx Output Level 50 Tx Input Level 50

Tx Audio

	Freq	Level	BW
PRMTRC EQ1	200 Hz	0 dB	1
PRMTRC EQ2	800 Hz	0 dB	1
PRMTRC EQ3	2100 Hz	+5 dB	1
P-PRMTRC EQ1	200 Hz	-3 dB	2
P-PRMTRC EQ2	800 Hz	0 dB	1
P-PRMTRC EQ3	2100 Hz	+5 dB	1

Tuning

Cw Dial Step 10 Hz SSB Dial Step 10 Hz
Data Dial Step 5 Hz AM Ch Step 5 kHz
AM/FM Dial Step 100 Hz FM Ch Step 5 kHz
RTTY Dial Step 5 Hz 1 MHz/100 kHz
1 MHz

Shape Slope

	Shape	Slope
HF Cw	Soft	Medium
6M Cw	Soft	Medium
HF PSK	Sharp	Medium
HF FSK	Sharp	Medium
HF SSB	Sharp	Medium
6M SSB	Soft	Medium

Tx/Rx

Settings for AGC, Rx DSP, Tuning, DVS, Tx Audio and other General options that enhance transmission and reception signals are customized here.

Menu Settings for FT-DX1200 - Untitled.rsf

File Tabs Help

Common 1 Common 2 Rx / Tx Operating Mode

AM

Low Cut Freq 0 Hz Low Cut Slope 6 dB/oct
High Cut Freq 0 Hz High Cut Slope 6 dB/oct
Mic Gain 30 Mic Sel Front

SSB

Low Cut Freq 200 Hz Low Cut Slope 6 dB/oct
High Cut Freq 3000 Hz High Cut Slope 18 dB/oct
Mic Sel Front Tx BPF 300-2700 Hz
LSB Rx Carrier 0 Hz USB Rx Carrier 0 Hz

FM

Low Cut Freq 250 Hz Low Cut Slope 18 dB/oct
High Cut Freq 0 Hz High Cut Slope 6 dB/oct
Mic Gain 30 Tone Freq 67.0 Hz
Mic Sel Front

RTTY

Low Cut Freq 300 Hz Low Cut Slope 18 dB/oct
High Cut Freq 3000 Hz High Cut Slope 18 dB/oct
Polarity-R Normal Shift 170 Hz
Polarity-T Normal Mark Freq 2125 Hz
Out Level 50

CW

Low Cut Freq 250 Hz Low Cut Slope 18 dB/oct
High Cut Freq 1200 Hz High Cut Slope 18 dB/oct
Pitch 300 Hz Wave Shape 4 ms
Auto Mode Off Freq Display Pitch Offse
BFO USB PC Keying Off
Break-In Semi QSK 15 ms
Break-In Delay 200 ms

DATA

Low Cut Freq 300 Hz Low Cut Slope 18 dB/oct
High Cut Freq 3000 Hz High Cut Slope 18 dB/oct
Mode PSK Out Level 50
PSK Tone 1000 Hz VOX Gain 50
Mic Gain MCVR
VOX Delay 300 ms
Other Disp (SSB) 0 Hz
Other Shift (SSB) 1000 Hz

Operating Mode

Each operating mode has options specific for it. Those options are grouped by mode to be easily identified and customized.

The screenshot shows the 'Preferences' dialog box with the 'Grid Display' tab selected. The 'Freeze' dropdown is set to '1'. The 'Alternate row' section shows a table with rows 1 to 4 and a column 'A'. The 'Mark the columns to hide' section shows a table with columns 'Column' and 'Hide'. The 'Language' dropdown is set to 'English'. The 'Use Combo for Check box' checkbox is unchecked.

Column	Hide
Transmit Frequency	<input type="checkbox"/>
Offset Frequency	<input type="checkbox"/>
Offset Direction	<input type="checkbox"/>
Name	<input type="checkbox"/>
Tone Mode	<input type="checkbox"/>
CTCSS	<input type="checkbox"/>
Rx CTCSS	<input type="checkbox"/>
DCS	<input type="checkbox"/>
Tx Power	<input type="checkbox"/>
Busy Channel Lockout	<input type="checkbox"/>
Skip	<input type="checkbox"/>
Clock Shift	<input type="checkbox"/>
Battery Save	<input type="checkbox"/>
Comment	<input type="checkbox"/>

Grid Display

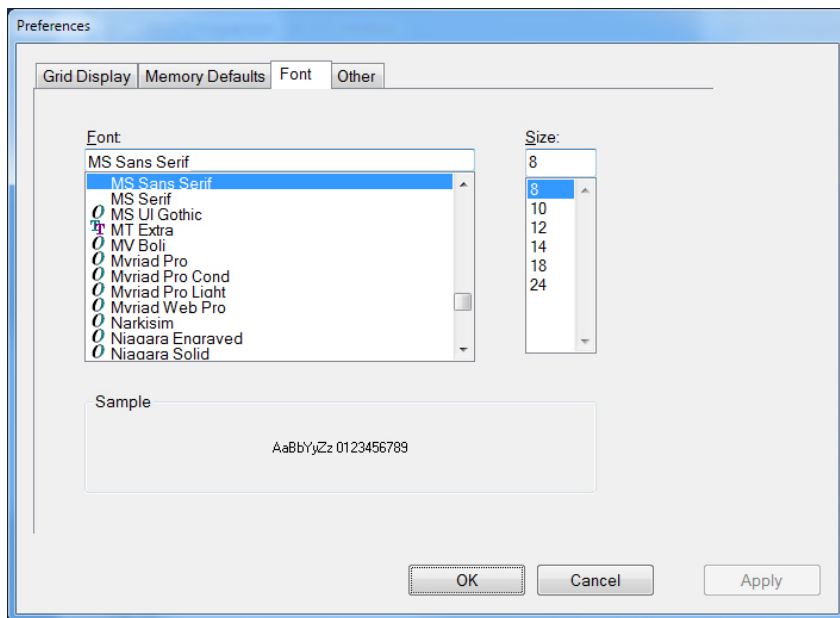
- RT Systems now available in English, French, German, Italian, Spanish, Portuguese and Japanese.
- Set colors for text (Fore) or background (Back) of alternate rows for easier viewing across the columns.
- Freeze columns to keep information on the screen as you scroll to the right of the page.
- Hide columns you don't use. Customize your print-out: hidden columns do not print.
- Use Combo for Check boxes – changes the grid to eliminate check box selections that are disabled on some systems.

The screenshot shows the 'Preferences' dialog box with the 'Memory Defaults' tab selected. The 'Open last file when starting programmer' checkbox is checked. The 'Check ShowName Automatically' checkbox is checked. The 'Convert Split offsets to standard Plus or Minus when available' checkbox is checked. The 'Disable CTCSS, DCS and other Tone columns according to the Tone Mode selection' checkbox is checked. The 'Offset Frequency Defaults' section shows a table with columns 'HF', '6m', '2m', '1.25m', and '70cm'. The 'Add and Remove Offsets' section shows a table with columns 'Offset' and 'Remove'. The 'Remove' button is disabled.

Offset	Remove
1 100 kHz	<input type="button" value="Remove"/>
2 500 kHz	<input type="button" value="Remove"/>
3 600 kHz	<input type="button" value="Remove"/>
4 1.00 MHz	<input type="button" value="Remove"/>

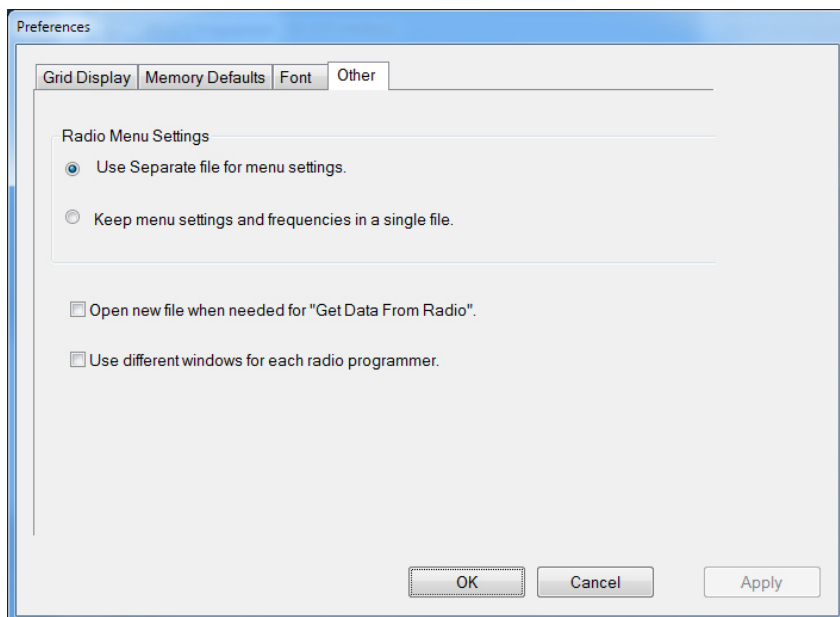
Memory Defaults

- Set options to control auto fill information for memory channel entries.



Font

- Set options to control the font in the column headers of the channel entry screens. Select any font and font size available on your computer.



Other

- Set options to control how the programmer handles the global Radio Menu Settings file.
 - Separate (default) handles the global settings of the radio in a “set and forget” fashion. Once you set these up and save the file you won’t have to reset them for a new frequency file.
 - Together as one gives you the ability to create files that are complete with frequencies and customized global settings. In this mode, each file begins with factory defaults for every option of the radio.
- Check “Get data from Radio” new file option to prevent data loss when you read from your radio into the programmer.
- Check “different window” option to make the programmer for a different radio run in completely separate window rather than in a separate tab of the same window.

Buy Now