



## **Russound E5 Tuner**

### **RS-232 Communication Quick Start and Hex Code Listing**

## Russound E5 Tuner RS-232 Hex Code Listing

AM/FM Power On	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3A 00 70 00 0B 00 01 3E F7
AM/FM Power Off	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3B 00 70 00 0B 00 01 3F F7
CardSlot Power On	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3A 00 70 00 0A 00 01 3C F7
CardSlot Power Off	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3B 00 70 00 0A 00 01 3D F7
AM/FM Tune Up	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 2F 00 70 00 0B 00 01 33 F7
AM/FM Tune Dn	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 30 00 70 00 0B 00 01 34 F7
CardSlot Tune Up	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 2F 00 70 00 0A 00 01 31 F7
CardSlot Tune Dn	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 30 00 70 00 0A 00 01 32 F7
AM/FM Digit-0	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 0A 00 70 00 0B 00 01 0E F7
AM/FM Digit-1	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 01 00 70 00 0B 00 01 05 F7
AM/FM Digit-2	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 02 00 70 00 0B 00 01 06 F7
AM/FM Digit-3	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 03 00 70 00 0B 00 01 07 F7
AM/FM Digit-4	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 04 00 70 00 0B 00 01 08 F7
AM/FM Digit-5	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 05 00 70 00 0B 00 01 09 F7
AM/FM Digit-6	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 06 00 70 00 0B 00 01 0A F7
AM/FM Digit-7	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 07 00 70 00 0B 00 01 0B F7
AM/FM Digit-8	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 08 00 70 00 0B 00 01 0C F7
AM/FM Digit-9	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 09 00 70 00 0B 00 01 0D F7
CardSlot Digit-0	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 0A 00 70 00 0A 00 01 0C F7
CardSlot Digit-1	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 01 00 70 00 0A 00 01 03 F7
CardSlot Digit-2	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 02 00 70 00 0A 00 01 04 F7
CardSlot Digit-3	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 03 00 70 00 0A 00 01 05 F7
CardSlot Digit-4	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 04 00 70 00 0A 00 01 06 F7
CardSlot Digit-5	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 05 00 70 00 0A 00 01 07 F7
CardSlot Digit-6	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 06 00 70 00 0A 00 01 08 F7
CardSlot Digit-7	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 07 00 70 00 0A 00 01 09 F7
CardSlot Digit-8	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 08 00 70 00 0A 00 01 0A F7
CardSlot Digit-9	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 09 00 70 00 0A 00 01 0B F7
Enter Direct Tuning Mode	
AM/FM	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 17 00 70 00 0B 00 01 1B F7
CardSlot	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 17 00 70 00 0A 00 01 19 F7
Enter Direct Preset Select Mode	
AM/FM	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 16 00 70 00 0B 00 01 1A F7
CardSlot	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 16 00 70 00 0A 00 01 18 F7
Enter Direct Bank Mode	
AM/FM	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 15 00 70 00 0B 00 01 19 F7
CardSlot	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 15 00 70 00 0A 00 01 17 F7
AM/FM Preset1 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3C 00 70 00 0B 00 01 40 F7
AM/FM Preset2 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3D 00 70 00 0B 00 01 41 F7

AM/FM Preset3 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3E 00 70 00 0B 00 01 42 F7
AM/FM Preset4 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 3F 00 70 00 0B 00 01 43 F7
AM/FM Preset5 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 40 00 70 00 0B 00 01 44 F7
AM/FM Preset6 Save	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 41 00 70 00 0B 00 01 45 F7
CardSlot Preset1 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3C 00 70 00 0A 00 01 3E F7
CardSlot Preset2 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3D 00 70 00 0A 00 01 3F F7
CardSlot Preset3 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3E 00 70 00 0A 00 01 40 F7
CardSlot Preset4 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 3F 00 70 00 0A 00 01 41 F7
CardSlot Preset5 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 40 00 70 00 0A 00 01 42 F7
CardSlot Preset6 Save	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 41 00 70 00 0A 00 01 43 F7
AM/FM Preset Up	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 0E 00 70 00 0B 00 01 12 F7
AM/FM Preset Dn	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 0F 00 70 00 0B 00 01 13 F7
CardSlot Preset Up	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 0E 00 70 01 0A 00 01 11 F7
CardSlot Preset Dn	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 0F 00 70 01 0A 00 01 12 F7
AM/FM Bank Up	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 29 00 70 00 0B 00 01 2D F7
AM/FM Bank Dn	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 2A 00 70 00 0B 00 01 2E F7
CardSlot Bank Up	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 29 00 70 01 0A 00 01 2C F7
CardSlot Bank Dn	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 2A 00 70 01 0A 00 01 2D F7
AM/FM Seek Up	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 1B 00 70 00 0B 00 01 1F F7
CardSlot Seek Up	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 1B 00 70 00 0A 00 01 1D F7
AM/FM Seek Dn	F0 00 7D 0B 00 00 71 05 02 01 00 02 01 00 24 00 7F 00 0B 00 01 38 F7
CardSlot Seek Dn	F0 00 7D 0A 00 00 71 05 02 01 00 02 01 00 24 00 7F 00 0A 00 01 36 F7
AM/FM Scan	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 46 00 70 00 0B 00 01 4A F7
CardSlot Scan	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 46 00 70 00 0A 00 01 48 F7
AM/FM AM/FM Toggle	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 1A 00 70 00 0B 00 01 1E F7
CardSlot AM/FM Toggle	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 1A 00 70 00 0A 00 01 1C F7
AM/FM AM Select	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 4A 00 70 00 0B 00 01 4B F7
AM/FM FM Select	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 49 00 70 00 0B 00 01 4A F7
CardSlot AM Select	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 4A 00 70 00 0A 00 01 49 F7
CardSlot FM Select	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 49 00 70 00 0A 00 01 48 F7
AM/FMStereo/MonoTggle	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 13 00 70 00 0B 00 01 17 F7
CardSlotStereo/MonoTggle	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 13 00 70 00 0A 00 01 15 F7
AM/FM Stereo Select	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 33 00 70 00 0B 00 01 37 F7
AM/FM Mono Select	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 34 00 70 00 0B 00 01 38 F7
CardSlot Stereo Select	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 33 00 70 00 0A 00 01 35 F7
CardSlot Mono Select	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 34 00 70 00 0A 00 01 37 F7
AM/FMLocal/DistantTgl	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 14 00 70 00 0B 00 01 18 F7
CardSlotLocal/DistantTgl	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 14 00 70 00 0A 00 01 16 F7

AM/FM Local Sel	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 42 00 70 00 0B 00 01 46 F7
AM/FM Distant Sel	F0 00 7D 0B 00 00 70 05 02 01 00 02 01 00 43 00 70 00 0B 00 01 47 F7
CardSlot Local Sel	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 42 00 70 00 0A 00 01 44 F7
CardSlot Distant Sel	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 43 00 70 00 0A 00 01 45 F7
CardSlot Category Up	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 54 00 70 00 0A 00 01 56 F7
CardSlot Category Dn	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 55 00 70 00 0A 00 01 57 F7
CardSlot Category ChUp	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 58 00 70 00 0A 00 01 5A F7
CardSlot Category ChDn	F0 00 7D 0A 00 00 70 05 02 01 00 02 01 00 59 00 70 00 0A 00 01 5B F7