

Manikin Software Upgrade Instructions with USB Cable

REPROGRAMMING EQUIPMENT

- PC
- PC to Manikin programming USB cable

SOFTWARE:

- RA31ManikinUpdate.exe
- Ra31mmb.hex

CONNECTION

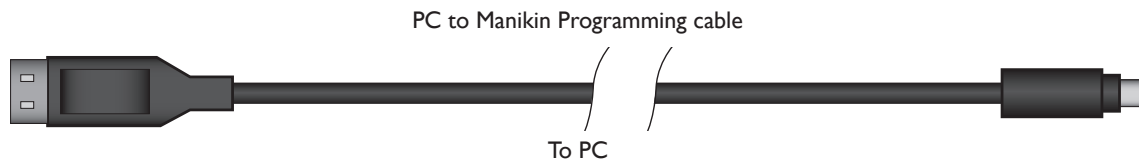


Fig.1 PC to Manikin programming cable

REPROGRAMMING INSTRUCTIONS

- 1 The driver for the USB cable should install automatically,
- 2 Troubleshooting: Should the USB driver fail to start, run "Manikin USB Cable Driver\Setup.exe", before connecting the manikin cable to your computer.
- 3 Connect the PC to Manikin programming cable to the PC and to the manikin's SkillReporter port.
- 4 Start the PC program 'RA31ManikinUpdate'.
- 5 The correct serial port (COM port) will automatically be selected when the USB cable is inserted according to step 2
- 6 Press the 'Start' button.
- 7 Wait until the progress bar is filled and the message 'Software upload completed' appears in the application window:

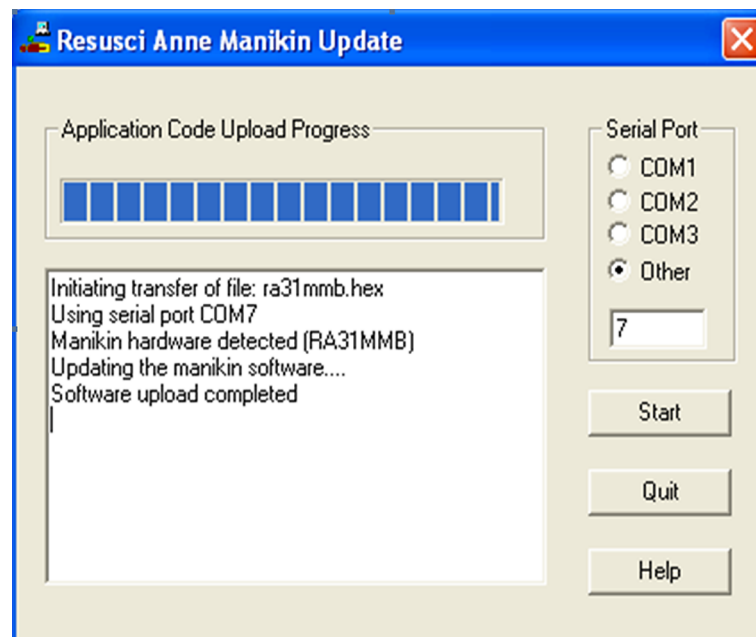


Fig.2 Application window for the RA31ManikinUpdate program



SkillReporter Software (including language) upgrade instructions with USB Cable

REPROGRAMMING EQUIPMENT

- PC
- PC to Manikin programming USB cable (right)

SOFTWARE:

- RA31ManikinUpdate.exe
- Ra31mmb.hex

CONNECTION

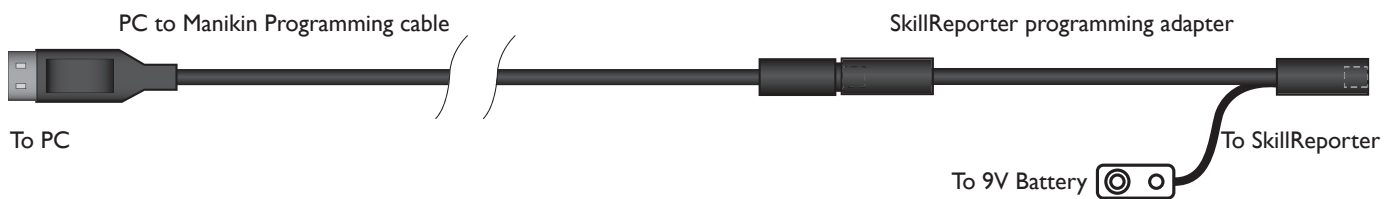


Fig.3 PC to SkillReporter programming cables

REPROGRAMMING INSTRUCTIONS

- 1 The driver for the USB cable should install automatically,
- 2 Troubleshooting: Should the USB driver fail to start, run "Manikin USB Cable Driver\Setup.exe", before connecting the manikin cable to your computer.
- 3 Connect the PC to Manikin programming cable to a USB port at the PC and to the SkillReporter programming adapter. Connect the other end of the programming adapter to the SkillReporter. Connect a 9V battery to the battery clip on the programming adapter. Start the PC program 'RA31ManikinUpdate'.
- 4 The correct serial port (COM port) will automatically be selected when the USB cable is inserted according to step 2.
- 5 Choose language.
- 6 Press the 'Start' button. **Keep the <ON> button pressed down until the <ON> LED lights and the metronome LED's are flashing (This may take some minutes).**
- 7 Wait until the progress bar is filled and the message 'Software upload completed' appears in the application window:

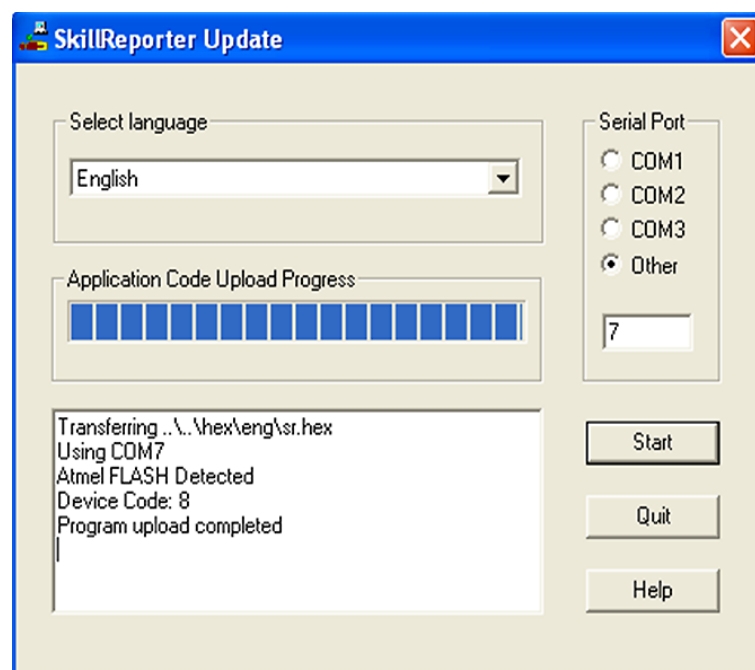


Fig.4 Application window for the SrUpdate program