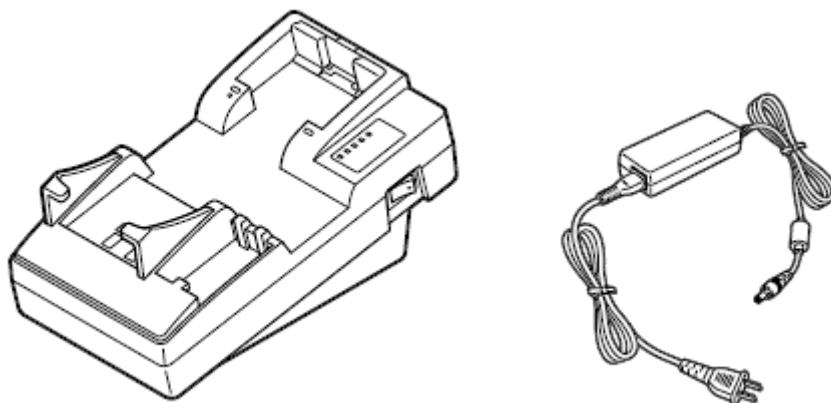


LMWin Method

The upload/download method for Satellite cradle (DT-964IO-E) or USB cradle (HA-E60IO) using LMWin is more flexible than for Basis cradle (DT-960IO-E) using Multidrop.

Satellite Cradle (DT-964IO-E)

Attach the power supply (AD-S42120) to the Cradle (DT-964IO-E), but do not switch on the cradle yet.



Check the position of the DIP switches on the bottom of the cradle. The following switch position should be adjusted:

Switch	1	2	3	4	5	6	7	8	9	10
Position	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ON

Connect the cradle to your PC by using serial cable (DT-887-G). Switch the cradle on.



If you have any other devices or software listening to the serial port assigned to LMWin, disable it. That applies to Microsoft ActiveSync and especially to "CASIO IRXpress Serial Infrared", the driver software for other Casio communication cradles. To deactivate "CASIO IRXpress Serial Infrared", go to the device manager on your PC. In the list of known devices make a double-click on the node for IrDA to expand the view. Then, perform a right-click with the mouse on the entry for "CASIO IRXpress Serial Infrared", and disable it.

USB Cradle (HA-E60IO)

First install driver software for the USB cradle. For Microsoft Windows 2000 and XP use IRXpressUSBirDA.exe. The driver software will add a new IrDA device to your system when the cradle is connected through USB.

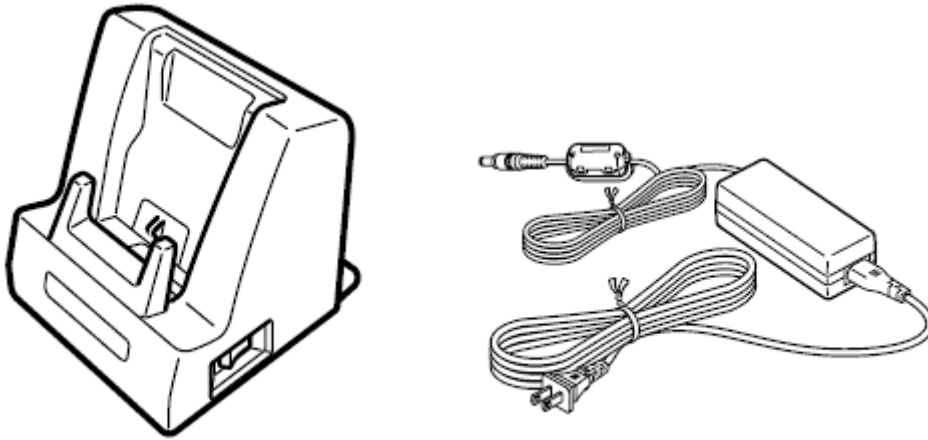



If you have installed Microsoft ActiveSync or similar *communication software* listening to any IrDA port of your PC, disable it.



If you have any other *IrDA devices* on your PC, disable them except for "CASIO IRXpress USB Infrared". To do so, go to the device manager on your PC. In the list of known devices make a double-click on the node for IrDA to expand the view. Then, perform a right-click with the mouse on all entries which do not belong to "CASIO IRXpress USB Infrared", and disable each device.

Attach the power supply (AD-S15050) to the Cradle (HA-E60IO), and connect the cradle to PC via USB cable.




 The cradle can be operated with power from USB connection, but in that case the terminal draws power from battery while communication is taking place. For this reason it is recommended using extra power supply to save battery power.

Installation of LMWin

Install latest version of Casio LMWin to your PC. Follow the instructions on the screen. Accept default settings.

Presettings on PC

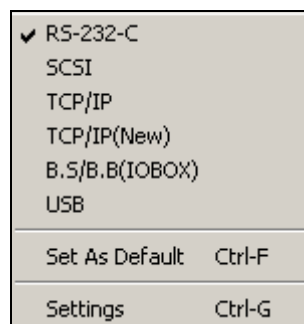
 The presettings mentioned below must be done only once, and can remain unchanged until you decide using a different configuration.

Save all application data to a folder where it can be found by LMWin afterwards. Create the following directories on drive C: on your PC:

- C:\DT930\LOD (application data and executables)
- C:\DT930\Download (stocktaking data received from the terminal later on)

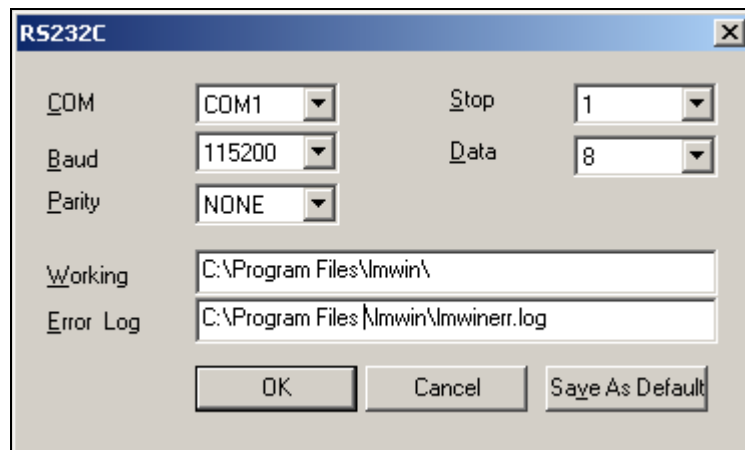
Satellite Cradle (DT-964IO-E)

Start LMWin on your PC, if it is not running. In the main menu of LMWin on your PC, select **Configure**. If there is no checkmark beneath **RS-232-C**, click on that entry to activate it.



Then, in the same menu click on **Settings** or press [Ctrl] + [G]. In the dropdown list at the upper left corner of the dialog box, select the port you connected the cradle to. Verify the

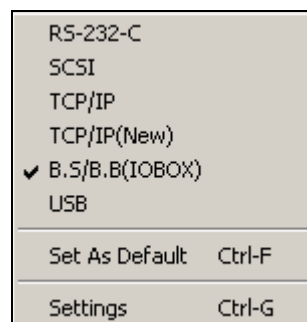
settings for "Working" and "Error Log" directories. Both directories should match the installation directory of LMWin.



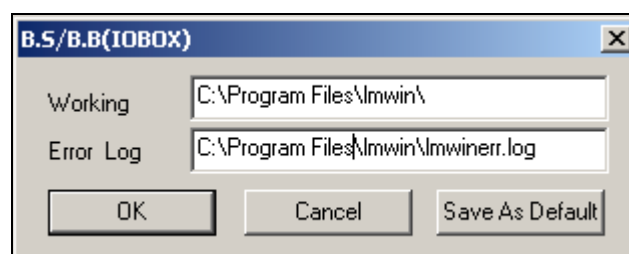
Press the button [Save As Default].

USB Cradle (HA-E60IO)

Start LMWin on your PC, if it is not running. In the main menu of LMWin on your PC, select **Configure**. If there is no checkmark beneath **B.S/B.B(IOBOX)**, click on that entry to activate it as shown in the picture below.



Then click on **Settings** or press [Ctrl] + [G]. Verify the settings for "Working" and "Error Log" directories. Both directories should match the installation directory of LMWin.



Press the button [Save As Default]. Exit LMWin. In the next step allow LMWin to accept incoming connections from DT-930 series.

Open the file DEVICE.INI in the installation directory of LMWin with a text editor. Standard installation directory of LMWin is C:\<Program Files>\lmwin. In that file, go to the entry [USE_DEVICE] and look for the line "1=WindowsCE1" at the end of the file. Add a new line directly below that entry, and enter "2=CASIO:IRDA", where "2" is the number you want to

assign to that type of communication. You will have to select this number afterwards when it comes to sending files from PC to terminal. Save your changes and close the editor.

Presettings on DT-930

Take your DT-930 and switch it on by pressing the buttons [S], [.), and [Power On] simultaneously. You are in the operating system mode (**SYSTEM MENU**) now. You can select a menu item by pressing its number on the keypad of the mobile terminal. To go one level back press [CLR].

Starting from **SYSTEM MENU**, choose **3:DATE/TIME**, and enter both date and time correctly. With the [CLR] button you can return to the **SYSTEM MENU**. Choose **4:TRANSMIT**, and then **4:UTILITY**. Check whether "NORM" is shown beside **4:FILE MODE**. If not, press key [4] to select **4:FILE MODE** to reach the file mode menu. Push key [1] to select **1:NORMAL MODE**, and confirm with the [ENT] key. Wait until the drive is newly formatted. Push [CLR] until you reach the **TRANSMIT** menu again. Check whether the following entry is shown next to **5: PROTOCOL: "FLINK"**. If "MLT" is displayed instead, press button [5]. You reach the **PROTOCOL** menu. Push button [1] and confirm again with the [ENT] button.

Using Satellite Cradle (DT-964IO-E)

Check whether "SIR" is shown under **6:PORT**. If not, press button [6]. You enter the **COM PORT** menu. Push button [1] and the [ENT] button subsequently. Check whether "115K" is displayed beneath **7:SPEED**. If a different setting is announced, press button [7]. You reach the **COM SPEED** menu. Push button [6] to select **6:115.2**, and then the [ENT] button.

Using USB Cradle (HA-E60IO)

Check whether "FIR" is shown under **6:PORT**. If not, press button [6]. You enter the **COM PORT** menu. Push button [2] for Windows 2000/XP or button [3] for Windows 98, and the [ENT] button subsequently. Check whether "4M" is displayed beneath **7:SPEED**. If a different setting is announced, press button [7]. You reach the **COM SPEED** menu. Push button [1] to select **1:4M**, and then the [ENT] button.