

Nera WorldPhone
Precharge
Administrator

NERA

enabling a wireless future



Precharge administrator

General

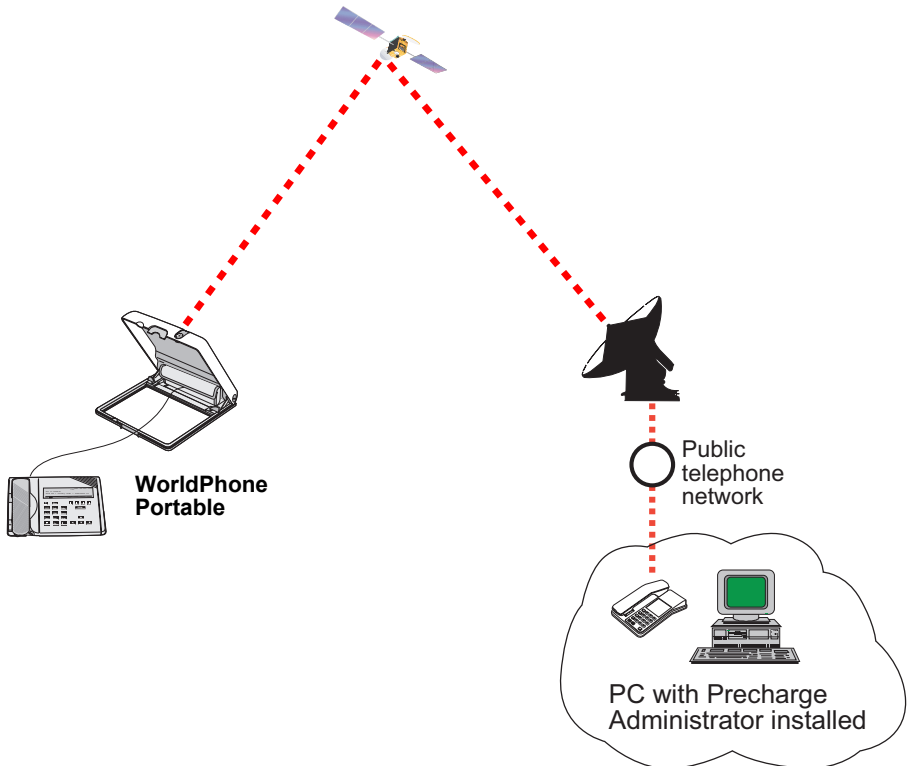
The Precharge function is intended for rental purposes.

The Precharge Administrator program allows the owner of a WorldPhone to load prepaid call time into a terminal at a remote location.

The user of the WorldPhone can at any time call the owner to request additional prepaid call time.

The WorldPhone can be loaded with a total prepaid call time of up to 44640 minutes (744 hours).

The owner registers the WorldPhone user in the Precharge Administrator. The program is used to generate a buy code which adds more prepaid time in the WorldPhone.



Precharge administrator cont'd

About the program

The Precharge administrator program requires a 486 type PC or better, with at least 8 Mbyte RAM.

The program can be run under Windows 95/98, and should be installed in a directory which preferably is backed up.

The program stores the details of registered phones in a file it creates in the directory.

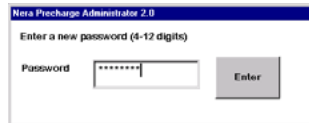
The program executable is approximately 300 kbyte, the data file varies with the number of entries, 100 entries = approx. 12 kbyte.

Installation

The **Precharge Administrator** can be downloaded from the Nera website.

User password

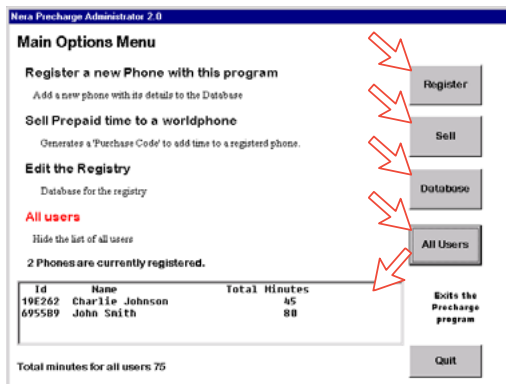
Enter a 4 - 12 digit password, and retype it to confirm. The password protects against misuse of the program.



Main Options Menu

Clicking buttons open the following functions:

- **Register**, which allows entering new users.
- **Sell**, which conveys prepaid time to the user.
- **Database**, which lists details of registered users.
- **All users**, which lists registered users and sold time.



Before rental

Launch the Precharge Administrator program:

- Click **Precharge** via **Start > Programs**.
- Register the WorldPhone terminal and program the agreed amount of prepaid minutes, see **"Registering a new WorldPhone"** below.

Turn on the WorldPhone:

- Enter the same amount of prepaid minutes in the Precharge menu.
- In short number 00, enter the phone number the user should call to reach the owner.
(This number can be used even when the Prepaid call time has expired.)

Turn off the WorldPhone.

Registering a new WorldPhone

To allow extra time to be added remotely to a WorldPhone, it must be registered with the Precharge Administrator before handed over to the user/renter.

Click **"Register"** in the **Main Options Menu**
(see *previous page*):

- 1** Enter the **Fwdld** (forward id) of the WorldPhone (the last six digits of the Portable ISN number on the label underneath the Telephone Unit).
- 2** Enter a **Name**, f.ex. the remote user's name.
- 3** Add **Notes**, f.ex. the user's address.

New PreCharge Administrator 2.0

Register a new Phone

1 **Fwdld** Enter Portable Forward Id

2 **Name** 'Owner Name' and 'Notes' are informational fields used only to assist identification of this phone within the Database.

3 **Notes**

4 **Initial Time** If the phone already has some prepaid time bought - enter the number of minutes here.

5 **Owner Password** 'Owner Password' and 'NewK' are used for validation. After entry you will not be able to see these values - only change them if required.

NewK

Precharge administrator cont'd

4 Enter the **Initial Time** (prepaid minutes) that was entered manually. See **“Precharge > Owner loads Precharge time”** in the **User’s Manual**.

5 The default **owner password** of the WorldPhone must be changed before it is shipped, see **“Access level”** in the **User’s Manual**. Enter the new owner password into the Precharge Administrator. The owner password prevents the user from deleting the programmed minutes.

6 Enter the **NewK** key generated in the WorldPhone, see **“Precharge > Key readout”** in the **User’s Manual**.
The “NewKey” ensures that the WorldPhone only accepts a prepaid code generated from this Precharge Administrator.
*The key changes every time you click **NewK** in the Precharge menu of the WorldPhone.*

7 Click **Save registration**.

The WorldPhone terminal has now been registered in your data base for 30 minutes use (example).

Click **Sell** in the **Main Options Menu** to refill prepaid time remotely. Clicking **Database** allows the registration data of a terminal to be changed.

*Note: The WorldPhone Book entry number **00** must be programmed with the owner’s number. This number can be called even when the Prepaid call time in the WorldPhone has expired.*

The screenshot shows the 'Register a new Phone' form in the Nera PreCharge Administrator 2.0 interface. The form contains the following fields and values:

- FwdId:** 8955B9 (with a note: 'Enter Portable Forward Id')
- Name:** John Smith (with a note: 'Owner Name' and 'Notes' are informational fields used only to assist identification of this phone within the Database.)
- Notes:** This belongs to Nera
- Initial Time:** 30 (with a note: 'if the phone already has some prepaid time bought - enter the number of minutes here.'))
- Owner Password:** 4582537090 (with a note: 'Owner Password' and 'NewK' are used for validation. After entry you will not be able to see these values - only change them if required')
- NewK:** 006 194 076 243 108 075 247 (with a note: 'NewK' and a red arrow pointing to the field)

The 'Save Registration' button is highlighted with a red arrow and the number 7. The number 6 is also present next to the NewK field.

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Precharge administrator cont'd

Selling prepaid minutes (to a WorldPhone user at a remote site)

Clicking **Sell** in the **Main Options Menu** opens the feature that generates the buy code for remote filling up of Prepaid call time.

Adding time remotely:

1 Select from the list or enter the Fwdid of the WorldPhone terminal (the last six digits of the ISN number on the label underneath the Telephone Unit; use the portable FWID).

2 Enter the specific index number derived from the WorldPhone, see **“Precharge > Key readout”** in the **User’s Manual**.

The Fwdid will also appear in this window (use the portable FWID on the label underneath the phone only).

3 Enter the required number of minutes to be added and click **Generate Code**.

4 The buy code generated is to be entered into the WorldPhone. The buy code includes prepaid time information, see **“Precharge > Buying time via fax or mail”** in the **User’s Manual**.

The overview of the call time sold to each end terminal is stored by the program, click **Database** in the **Main Options Menu**.

The screenshot displays the 'Sell Minutes' interface in a browser window titled 'New Precharge Administrator 2.0'. The interface is divided into two main sections. The top section, labeled 'Sell Minutes', contains a 'Fwdid' field with the value '6955B9', an 'Index' field with '82760941', and a 'Minutes' field with '50'. A 'Registered Phones' table is visible, listing phone IDs and names. A 'Generate Code' button is located to the right of the 'Minutes' field. The bottom section, labeled 'Enter Code', shows a text box with the generated code '1403334850' and a 'New Sale' button. Red arrows point to the input fields and buttons in both sections, corresponding to the numbered steps in the text.

Sell Minutes

Registered Phones

Id	Name/Notes
19E262	(Charlie Johnson/WorldComm)
995509	(John Smith/Int'l WorldComm)

1 Fwdid: 6955B9

2 Index: 82760941 Enter the 8-9 digit 'Index' from menu 8 on the Phone.

3 Minutes: 50 How many additional PrePaid minutes should be added to phone? (0-4000)

4 Enter Code: 1403334850

Click on New Sale to process another transaction, or Back to Menu if all transactions are complete

Precharge administrator cont'd

Database

Clicking **Database** in the **Main Options Menu** opens the precharge database, which lists details of registered users.

1 Clicking **Edit** allows changes to be made to the list of entries in the **Registration** window.

Note! The owner password and NewK must not be changed unless they are changed in the WorldPhone.

1

Database

Registered Phones

Id	Name/Notes
19E262	(Charlie Johnson/WorldCom)
695589	(John Smith/This WorldCom)

FwdID: 6955B9

Name: John Smith

Notes: This belongs

Minutes Sold: 30

Buttons: Back, Edit, Show Log

2 Click **Show log** to read out the call time sold to the end terminal users. The window also provides information about the date and time when the buy code was generated, and code digits.

The overview of the call time sold to each end terminal is stored by the program, click **Database** in the **Main Options Menu**.

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Transaction Log

Back

Name: John Smith FwdId: 6955B9

Date	Transaction	Minutes	Purchase Code
30-Nov-1999	Registered	30	N/A
30-Nov-1999	Sale	50	1403334850

Current total: 80

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