

**00ca8dc0-0**

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**COLLABORATORS**

	<i>TITLE :</i> 00ca8dc0-0		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

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# Chapter 1

## 00ca8dc0-0

### 1.1 Amiconnect - Contents

Amiconnect

Copyright Martin Hunt 1985

This program is shareware, please register

Introduction

What is Amiconnect

Installation

How To Install

Main~Menu

The Main Menu

Command~Line~Parameters

Starting From CLI

Other~Programs

Other AmiTCP related programs

Registration

How To Register

Problems

How to yell at me!

THIS VERSION IS A BETA VERSION, PLEASE REPORT ALL PROBLEMS TO

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E-Mail: MARTIN@mchunt.zynet.co.uk.

ALL QUERIES SHOULD BE ANSWERED WITHIN 3 DAYS, MOST LIKELY WITHIN 24 HOURS, IF YOU HAVEN'T HAD A REPLY WITHIN 3 DAYS E-MAIL ME AGAIN.

FAQ's, COMMON PROBLEMS AND IMPROVEMENTS WILL BE POSTED TO MY WWW PAGES

[http://194.72.60.96/www/MCHunt\\_Homepage/](http://194.72.60.96/www/MCHunt_Homepage/)

## 1.2 Introduction

What is Amiconnect?

After transferring from a service provider that provided a customised AmiTCP setup to my new supplier I found that setting up AmiTCP was actually quite a pain. I am quite a confident person when it comes to computers, so I thought that some sort of program was needed to make setting up easier.

I had also had problems getting any sort of dialler working properly, and so decided to write a simple dialler program of my own, this I decided would be incorporated into my new configuration program. This new program must also be compatible with my Control Panel program, and in fact should complement it to allow even more accurate logging of calls.

After several months of development AmiConnect was finished, but I had just found a new arexx library called Apig.library and had decided that I would use this library to make

Control~Panel

even better, as REXXARPLIB.library and Apig.library weren't really compatible it meant completely rewriting AmiConnect. After all this AmiConnect now looks better and operates better, and in a more system friendly manner.

AmiConnect is designed to replace startnet, any link script and also acts as a dialler. It will currently only work with slip (PPP will be included once PPP becomes faster than slip, or I have a lot more time to experiment with PPP), and will not work with dynamic node (if I can find some sort of standard for Dynamic nodes I will include support for Dynamic nodes).

This package and AmiTCP should be the only programs you need to connect to the net send & receive mail and receive news. You will of course need a mail program and a newsreader, see

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other~programs  
for some recommendations.

## 1.3 Installation

### Installation

Installation is via the standard Amiga installer program, the installer will ask you the following details

Where Is AmiTCP Installed?

Choose the directory where you chose to install AmiTCP, if you have yet to install AmiTCP please abort the installation and install AmiTCP first.

Where do you want Amiconnect to be installed?

Choose where you want the Amiconnect program and icon files to be stored, the recommended directory is amitcp:bin, but you may choose any directory you like, it is advisable that this directory is on a runnable path.

Where do you want Amiconnects Doc File to be installed?

Select where you want to store this doc file, a doc file will also be installed to amitcp:docs as Amiconnect needs the file there for its help button to work.

Copying News and Mail Stuff to AmiTCP:bin

This copies all the mail and news sending/reading programs to amitcp:bin, if you already have a working news/mail setup you may want to skip this part.

Copying Mail Server to Amitcp:serv

This copies the incoming mail daemon in.smtpd to amitcp's server drawer, this file is essential if you want to receive mail. Your amitcp:db/inetd.conf file is also altered to use the mail server, if amitcp is currently running you will need to send a break\_f to inetd or to reboot and restart amitcp before this server will become active.

I now need to setup....

Amiconnect needs to know where your main system directories are, the default directories are made by the installer if not available.

Where is your uunews: directory

Uunews is where all your news articles are unbatched to. I would advise that you either have a separate partition for news or invest in a new, more stable file system, as news puts a lot of wear on the hard drive and a crash during a news write operation may cause invalidation of your hard drive partition.

Where is your uumail: directory

This is the directory where all your incoming mail is stored, if your mail address is Another@any.old.node your mail will be stored in a file called another.

Where is your uulib: directory

This directory is where several important files are kept, such as

- Newsgroups - The file with the names of all the newsgroups you want to subscribe to.
- Another.signature - Your signature, another being your user name
- Config - Some old programs require a uulib:config file, an example file is given.
- Aliases - A file with mail aliases in, this allows you to store people's mail addresses and also allows you to redirect incoming mail.
- Seq for - A file containing a number used to generate message numbers ↔  
your outgoing mail.

Where is your uuspool: directory

This is a directory where all your incoming mail and news is written to, it is also where all your outgoing mail is stored prior to being sent. This directory usually also contains some logfiles.

Starting Amiconnect Configuration Program

Amiconnect is now started so that you can configure it, see  
main~menu  
for more  
details.

## 1.4 Main Menu

Main Menu

The menu that you get when you initially start Amiconnect, unless you use the ↔  
command  
line options.

Amiconnect Configuration

User Details

Provider Details

Modem Details

Logon Details

HELP

Start Amitcp

Stop Amitcp

Connect

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Disconnect  
Load  
Save As  
Use  
Save  
Cancel

## 1.5 Command Line Parameters

Command Line Parameters

Amiconnect may be started from the command line and takes the following parameters ↔

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LOAD

- Allows you to load a config file, saved using save as option ↔

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NEWS - Collects news when connect

NONEWS - Do not collect news when connected

CONFIG

- Displays Main Menu

START

- Starts AmiTCP

STOP

- Stops AmiTCP

UP

- Attempts to connect you to the net

DOWN

- Disconnects you from the net

RETRY - The number of times to retry the pops phonenumner

## 1.6 Other Programs

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## Mail Programs

AmiTCP Mail v1.8 An AmiTCP Mail Program

[ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/AmiTCP\\_mail\\_1.8.lha](ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/AmiTCP_mail_1.8.lha)

GDMail V1.2 A Gadtools Based Mail Program

[ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/GDMail\\_1.2.lha](ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/GDMail_1.2.lha)

Amiga Elm V4 A good complex mail reader

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/mail/AmigaElm-v4.lha>

## News Programs

Grn V2.1 Recommended GUI News Reader

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/news/GRn-2.1.lha>

Tin V1.2 News Reader

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/news/tin122.lha>

## Other Programs

Archie132 Archie Client

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/archie132.lha>

GuiFTP A graphical FTP client

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/Gui-FTP.lha>

Gopher An Amiga Gopher Client

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/gopher.lha>

Grapevine A very good graphical IRC client

[ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/grapevine-1\\_33.lha](ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/grapevine-1_33.lha)

Artser An improved serial.device

[ftp://src.doc.ic.ac.uk/pub/aminet/comm/misc/ArtSer37\\_6.lha](ftp://src.doc.ic.ac.uk/pub/aminet/comm/misc/ArtSer37_6.lha)

Pbill3.2 Phonebill prediction program, requires Amitcp software which generates logfile e.g. plink, Control Panel

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/misc/pbill32.lha>

## Other Programs By Me

Control Panel 5 A Graphical Interface For AmiTCP, works with Amiconnect to generate accurate connection logs. Also includes Gui frontends for Telnet, Finger and ping and allows multiple users to use the same setup.

<ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/CP5BP1.lha>

Arfir & Newsed 3 Arfir is a graphical front end for archie which allows you to easily search for files using archie and the download them. Newsed3 is a graphical editor for your uulib:newsgroup files, it has many features such as ability to selectively import groups from an active newsgroup file, also allows unique signatures

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for newsgroups when used in conjunction with Grn.

ftp://src.doc.ic.ac.uk/pub/aminet/comm/tcp/ArfNewsBP1.lha

## 1.7 Registration

Registration

This package is shareware, this means that if you carry on using the program that you send me the suggested fee.

The prices for registration is as follows

	Price	Discount
UK Pounds		
Amiconnect	- £10	
Amiconnect + CP5 or Arfir/Newsed	- £15	£5
Amiconnect + CP5 + Arfir/Newsed	- £20	£10
US Dollars		
Amiconnect	- \$20	
Amiconnect + CP5 or Arfir/Newsed	- \$30	\$10
Amiconnect + CP5 + Arfir/Newsed	- \$40	\$20

Payment must be in UK cheques/postal order, cash (notes only in strong envelope, not airmail envelopes), or International Money Order. Cash and UK Cheques are the preferred methods of payment.

There is a further £5/\$10 discount for the combined packages if you register before the 13th August 1995. You will initially receive a registered copy copy of the beta versions and will receive the completed versions once full testing has been finished.

The package will be sent on a 3.5" floppy disk along with some basic printed instructions.

You should send your registration fee and the following details

Machine

Memory

HD

Modem type

AmiTCP Version

WB Version

E-Mail Address

Whether you want Cp5 or Newsed/Arfir if you are ordering the £15/\$30 package.

To.

Martin Hunt

27 Furzehill Road

Mutley

Plymouth

PL4 4JZ

England

If you need any help with any of my packages please e-mail me at Martin@mchunt.zynet.co.uk and I will do my best to help, obviously

registered users will get priority service but I will give help to those who have yet to register.

## 1.8 Problems

Please contact me and I will help as quickly as I can;  
E-Mail: MARTIN@mchunt.zynet.co.uk.

Or check my homepages for any known bugs

[http://194.72.60.96/www/MCHunt\\_Homepage/](http://194.72.60.96/www/MCHunt_Homepage/)

## 1.9 LOAD

Load

This button or parameter allows you to load a set of parameters which you have saved using the

save~as

facility, this is useful if you have more than one provider as you

can have a separate config file for each provider.

## 1.10 START AMITCP

Start AmiTCP

This button or option starts AmiTCP using the information which you have entered into

AmiConnect, it does not connect you to the net, to do that use the connect

button or

the

up

option.

## 1.11 STOP AMITCP

Stop Amitcp

This stops AmiTCP, maybe necessary if you are short on memory and using non AmiTCP applications.

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## 1.12 Connecting To The Net

Connect

This attempts to connect you to the net.

A status display will appear, that will show all the message sent to and received from your modem and the computer you log on to. This display will also show you any error messages.

If the phone number of the 1st pop is busy, Amiconnect will try the 2nd number, it will repeat this 2 times or as many times as specified by the retry parameter.

Some settings are your modem will be altered temporarily, but may be reset by switching your modem on or off.

## 1.13 Disconnecting From The Net

Disconnect

Disconnects you from the net and takes your modem offline.

## 1.14 Save As

## 1.15 Save

Save

Saves the current settings to envarc:

## 1.16 User Details

User Details

This is where you enter the details of the main user of your system.

E-Mail Address - Enter your e-mail address here

Real Name - Enter your realname

Organization - Enter an organization string

Home Directory - Your home directory

This information will be used to set various environment variables .

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## 1.17 Modem Details

### Modem Details

Amiconnect needs to know quite a bit about your modem to work properly, most of the defaults should work fine, you may need to consult your modems handbooks for more information on the settings.

Serial Device - What serial device your are using to connect to the net

Device Number - The device number of the serial device

Baud Rate - The DTE rate, this needs to be higher than your modems baud rate to ensure fastest transfer, 38400 or 57600 are probably the best values.

Cslip - Are you using Cslip or just slip

Init. Modem - Command used to initialise modem

Dial Command - Command used to dial your pop (may be ATDT or ATDP usually)

DTR Override On - The command used to turn the Data Terminal Ready override on

DTR Override Off - The command to turn it off

Modem Hang - Than command to tell the modem to hang up

Command Mode - The string needed to tell the modem to enter command mode

Set Data Rate - Command needed to fix the DTE rate at the current Baud Rate

OK Message - How the modem responds if a command is successful

## 1.18 Provider Details

### Provide Details

Information about your service provider, needed to dial out and connect.

Your IP No. - Enter your internet protocol number, must be a fixed value, Amiconnect cannot handle dynamic nodes at the moment.

Gateways IP No. - The internet protocol number of the machine you connect to.

Mail Server - The address of the machine where you collect your mail (usually off with post,gpo or something mail related followed by the domain name i.e. gpo.zynet.co.uk post.demon.co.uk)

News Server - The address of the machine where you collect news (usually news ← followed by domain name, i.e. news.zynet.co.uk news.demon.co.uk)

HTTP Proxy - If your provider has a http proxy server, you may specify

FTP Proxy - the values here and WWW access will be speeded up.

Gopher Proxy- The address is usually http://www.service.provider:portno/

WAIS Proxy - e.g. http://www.zynet.co.uk:8000/ http://www.demon.co.uk:8080/

Pop1 Name - The name of the pop you want to connect to

Pop1 Phone Number - This pops phone number

Pop2 Name - The pop to try if the 1st pop is busy, if your provider has only 1 pop enter the same as pop 1

Pop2 Phone - The phone number for the 2nd pop

## 1.19 Logon Details

Logon Details

Information about the logon sequence of your provider, your user name is taken ← from your e-mail address. It is usually best to only include the latter part of the prompts.

Login Prompt: The prompt requesting you to enter your user name

Protocol Prompt: The prompt requesting you to select what protocol you are using, ← if n/a leave blank.

Password Prompt: The prompt asking you to enter your password

Password: Your password, which you type in response to the above

## 1.20 Help

Help

You're Reading It!

## 1.21 Use

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Use

Save the current settings to Env:, will not be there when you reset.

## **1.22 Cancel**

Cancel

Cancels any changes made to the settings.

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