

Neatrol Holdings Pty. Ltd. trading as:

NEATROL SYSTEMS

ABN 20 056 432 118

25B Harland Avenue, Malaga, W.A. 6090.

Postal Address: P.O. Box 3271, Malaga, W.A. 6945.

Telephone: (08) 9248 1646, 1300 55 5856 (Outside WA) Fax: (08) 9248 2003

Web: <http://www.neatrol.com.au> E-mail: neatrol@neatrol.com.au

AIRKEY PROGRAMMER V2.1 INSTRUCTIONS

The programmer will allow you to upload and download transmitter information to both 85 slot and 340 slot AIRKEY receivers that are fitted with a program socket and backup memory tags.

Individual transmitters can be deleted from receivers or backup memory tags.

Transmitter information can be uploaded and then downloaded to a different receiver or memory tag to be used as backup.

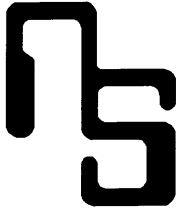


Fig 1: The AIRKEY Programmer with the lead attached and memory chip installed.
Power for the programmer is supplied from the receiver when the unit is plugged in.

Program options:

- Upload transmitter information from the receiver to the programmer and store in the backup memory tag.
- Download transmitter information from the programmer backup memory tag to the receiver.
- Search a receiver or backup memory tag to determine which transmitters are stored in the receiver or backup memory tag.
- Delete an individual transmitter from a receiver or backup memory tag.
- Upload transmitter information from several 85 slot receivers to a single backup memory tag.

MANUFACTURERS OF ELECTRONIC CONTROL AND MONITORING SYSTEMS



25B Harland Avenue, Malaga, W.A. 6090.

Postal Address: P.O. Box 3271, Malaga, W.A. 6945.

Telephone: (08) 9248 1646, 1300 55 5856 (Outside WA) Fax: (08) 9248 2003

Web: <http://www.neatrol.com.au> E-mail: neatrol@neatrol.com.au

Operating the programmer

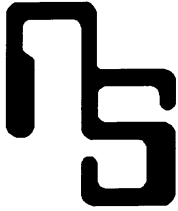
- Plug the programmer into the AIRKEY socket that is provided on the receiver circuit board.
- The screen will show

```
"Neatrol Systems V2.1"
" AIRKEY Programmer "
```
- Press **NEXT** to commence operation
- The screen will show

```
"Select Recvr EEPROM"
" 340 slot (93C86) "
or
" 85 slot (93C66) "
```
- Press **MODE** to swap between 85 slot (93C66) and 340 slot (93C86) devices.
- **It is very important to select the device that is installed in the receiver.**
- Press **NEXT** after remote EEPROM is selected
- The screen will show

```
"Select Backup EEPROM"
" 340 slot (93C86) "
or
" 85 slot (93C66) "
```
- Press **MODE** to swap between 85 & 340 slots devices.
- **It is very important that the selection matches the device installed in the programmer.**
- Press **NEXT** after local EEPROM is selected
- The screen will show

```
"Ready to start-Press"
" Nxt/Upld/Dwnld/Add "
```
- The programmer is now ready to operate. The functions available are:
- **NEXT** - Review transmitter information in the receiver or backup memory tag.
- **UPLOAD** - Copy transmitter information from receiver to the backup memory tag
The backup memory tag EEPROM in the programmer is erased first
- **DOWNLOAD** - Copy transmitter information from the backup memory tag in the programmer to the receiver. Note: The EEPROM in receiver is erased first
- **ADD** - Copy transmitter information from receiver and add to the backup memory tag



25B Harland Avenue, Malaga, W.A. 6090.

Postal Address: P.O. Box 3271, Malaga, W.A. 6945.

Telephone: (08) 9248 1646, 1300 55 5856 (Outside WA) Fax: (08) 9248 2003

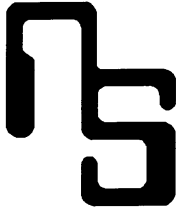
Web: <http://www.neatrol.com.au> E-mail: neatrol@neatrol.com.au

To review or delete transmitters stored in receiver or backup memory tag.

- Press **NEXT**. The screen will show " Select AIRKEY Type "
" Normal "
or " Wiegand "
• Press **MODE** to swap between normal and wiegand Airkey types
- Press **NEXT**. The screen will show "Select EEPROM view "
" Receiver "
or " Backup "
• Press **MODE** to swap between the receiver and the backup memory tag.
- Press **NEXT**. The screen will show "Slot Number 001 "
"ReceiverS/N:xxxxxxxx"
or " Backup S/N:xxxxxxxx"
• Press **UP** or **DN** to scroll through the slot numbers.
- Press **DEL** to remove a transmitter from the slot displayed.
- Press **NEXT** when finished.
- The screen will show "Programming Complete"
- The programmer may now be unplugged from the receiver.

To upload transmitter information from the receiver to programmer.

- The contents of an 85 slot receiver may be uploaded into either an 85 or 340 slot EEPROM in the programmer.
- The contents of a 340 slot receiver can only be uploaded into a 340 slot EEPROM in the programmer.
- Press **UPLOAD**. The screen will show " Uploading from Recvr "
- The EEPROM in the programmer is erased and all transmitter information that is stored in the receiver is copied to the backup memory tag.
- The screen will then show " Upload Complete "
- Press **NEXT** and the screen will show "Programming Complete"



Neatrol Holdings Pty. Ltd. trading as:

NEATROL SYSTEMS

ABN 20 056 432 118

25B Harland Avenue, Malaga, W.A. 6090.

Postal Address: P.O. Box 3271, Malaga, W.A. 6945.

Telephone: (08) 9248 1646, 1300 55 5856 (Outside WA) Fax: (08) 9248 2003

Web: <http://www.neatrol.com.au> E-mail: neatrol@neatrol.com.au

- The programmer may now be unplugged from the receiver.

To upload transmitter information from the receiver and add to the backup memory tag.

- The contents of several 85 slot receivers may be uploaded into a single 340 slot backup memory tag in the programmer.
- Press **ADD**. The screen will show "Uploading extra data" if the upload is possible,
or " Unable to upload " if the upload is not possible.
- All transmitter information that is stored in the receiver is copied to available space in the backup memory tag.
- The screen will then show " Upload Complete " if all data is copied,
or " Insufficient space " if the backup memory tag is full.
- Press **NEXT** and the screen will show "Programming Complete"
- The programmer may now be unplugged from the receiver.

To download transmitter information from the programmer to receiver.

- **NB: All transmitter information in the receiver will be erased by this function.**
- **The EEPROM in receiver must be the same size or larger than the EEPROM in the backup memory tag in the programmer for download.**
- Press **DOWNLOAD**. The screen will show "Downloading to recvr" if the download is possible,
or " Unable to download " if the download is not possible.
- The EEPROM in the receiver is erased and all transmitter information that is stored in the programmer is copied to the receiver.
- The screen will then show " Download Complete "
- Press **NEXT** and the screen will show "Programming Complete"
- The programmer may now be unplugged from the receiver.