



Destron Fearing™

GPR+

GLOBAL POCKET READER™ PLUS



QUICK START GUIDE

Go to www.destronfearing.com for complete User Manual, Software and Software User Guide.

DESCRIPTION

GPR+ is a **universal portable reader** for RFID microchips with the purpose of identifying animals.

The device can read a **wide range of technologies**: FDX-B ISO, HDX ISO, FDX-A (FECAVA), Trovan and Avid encrypted. GPR+ can also read and display the **Microchip Temperature™** when reading microchips with temperature sensing¹ implants from Allflex or Destron Fearing.

In addition to its microchip reading functions, the GPR+ scanner can store up to **3000 IDs** in its internal memory, each associated with a time/date stamp, which can be transmitted to a personal computer via a USB cable or wirelessly using Bluetooth®.



The GPR+ is supplied with the Microchip Management Software which enables user to download the reader's memory, change the scanner settings or update the GPR+ firmware. It is available for download at www.destronfearing.com with the complete User Manual and Software User Guide.

¹ Microchip Temperature™ range is from 33°C (91.4°F) to 43°C (109.4°F). If the temperature is below or above this range, it will display "TEMP BELOW RANGE" OR "TEMP ABOVE RANGE".

GETTING STARTED

GPR+ comes supplied with six AAA **rechargeable NiMH batteries** which must be **fully charged prior to use**, as diagram below (step 1 through 3).

If preferred, six standard AAA alkaline² batteries can also be used and should not be charged (follow only step 1).



Step 1 – Remove retention screw located on bottom back of GPR+. Place batteries according to polarity indicators. Replace lid and screw.



Step 2 – Remove USB plug and attach cable to GPR+.



Step 3 – Plug the adaptor into power outlet. The battery level icon will flash while charging and stop flashing when fully charged. A full charge will take approximately 3 hours.



DO NOT MIX RECHARGEABLE AND STANDARD BATTERIES
DO NOT ATTEMPT TO CHARGE STANDARD ALKALINE BATTERIES.
CHARGE THE BATTERIES INDOORS ONLY AND BETWEEN 0°C AND 40°C.

To extend battery life, charge unit at least every three months, if reader is unused.

² We recommend Duracell® or Energizer® alkaline batteries

READING MICROCHIPS

When scanning for microchips **PRESS AND HOLD BUTTON DOWN** during procedure. The reader will display "SEARCHING".

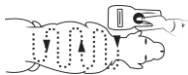
Test reader by placing test chip provided on key chain. If microchip number is not detected, consult USER MANUAL. Do not attach key chain to reader.

If a microchip is detected, the number will appear on the display. If a microchip is not detected it will display "NO ID FOUND".

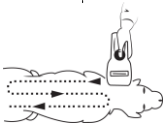
For Pets

Keep scanner touching animal and scan slowly following patterns below:

Pattern #1



Pattern #2



For other species

Keep scanner touching animal over standard location for particular species.



Note 1 – Microchip placement may vary per animal.

MICROCHIP MANAGEMENT SOFTWARE

GPR+ scanner comes with Microchip Management Software only for Windows® operating system. Please refer to Microchip Management Software User Guide to install the tool on your PC.



Note 2 – GPR+ is compatible with **iPhone®**, **iPad®** and **Android™**. Refer to the User Manual for more information.

Microchip Management Software offers the following capabilities:

- Change reader settings.
- Download reader memory and export animal ID's to Excel.
- Use reader as a virtual keyboard.
- Update reader firmware.

The screenshot shows the Microchip Management Software interface. The main display area shows a scanned ID: **985141000709686** and the temperature: **38.50°C / 101.40 °F**. A 'Copy' button is located to the right of the temperature. Below this, there is a table of scanned data and a sidebar with control buttons.

| Index | ID code | Date | Time | T(°F) | T(°C) |
|-------|------------------|------------|----------|--------|-------|
| 1 | 985000140029984 | 03/12/2015 | 10:24:41 | | |
| 2 | TR 06-0724-CBE1 | 03/12/2015 | 10:24:53 | | |
| 3 | 985000140029412 | 03/12/2015 | 10:25:00 | 101.40 | 38.50 |
| 4 | AVID*068*905*101 | 03/12/2015 | 10:25:05 | | |
| 5 | 4C3958191B | 03/12/2015 | 10:25:08 | | |
| 6 | 985141000709686 | 03/12/2015 | 10:25:12 | 101.40 | 38.50 |

Callouts in the image point to the following features:

- Display scanned ID**: Points to the large ID number.
- Display of microchip temperature™**: Points to the temperature reading.
- Download reader memory**: Points to the 'Read memory' button.
- Configure your reader**: Points to the 'Reader settings' button.
- Export memory to Excel**: Points to the 'Export to Excel' button.
- Choose language**: Points to the 'English' dropdown menu.
- Copy ID**: Points to the 'Copy' button.
- Reader memory**: Points to the data table.

READER SETTINGS IN MICROCHIP MANAGEMENT SOFTWARE

GPR+ is delivered with Memory and Bluetooth® enabled.

These options can be disabled through the Microchip Management Software, as in diagram below:

Reader Settings

Basic Settings

Unit ID

Silent Mode

Bluetooth ON/OFF

Temperature

Memory
1 (Disabled)
2 (Enabled)

Advanced Settings

Sleep Timer (s)

Bluetooth Connection Mode

Bluetooth Remote Address

Bluetooth Pin Code

Bluetooth Authentication

Transmit Time Stamp

Transmit Temperature

TROUBLESHOOTING

- **Microchip not detected:** Confirm that it is being operated distant from metal objects and computer equipment, including metal objects, such as collar with metal objects and stainless steel tables.
- **Memory cannot be downloaded:** Make sure memory is enabled in reader settings (refer to Microchip Management Software User Guide for more information).
- **Bluetooth not visible:** Check if Bluetooth icon appears on the display. If not, enable Bluetooth by using Microchip Management Software.
- **Bluetooth visible but not connectable:** Make sure your reader is configured to be visible and connectable in Microchip Management Software (refer to Microchip Management Software User Guide for more information).
- **Incorrect date/time:** Connect reader to Microchip Management Software. This will synchronize the date and time with the computer.



Note 3 – For other troubleshooting questions, consult user manual.

WARRANTY

The Global Pocket Reader Plus is warranted against defects in materials and workmanship, under normal use and service for one (1) year from the day of shipment.

This warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, damage during transportation or causes other than ordinary use.

Manufacturer's sole responsibility under this warranty shall be at its option, to either repair or replace any product which fails during the warranty period. In no event shall Manufacturer be liable for any indirect or consequential damages or loss of profit.

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"Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPhone or iPad may affect wireless performance.

Snapshots are according to the latest version at the moment this document was printed.

Changes may occur without notice.



Destron Fearing™

GPR+ is a product of:

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