GME Beacon Dealer Programming Kit

For use with all GME EPIRB (*P/N: 97MT400DPK*) and GME PLB (*P/N: 97MT410DPK*)

Minimum System Requirements

Computer Processor	Intel Pentium™, or equivalent
Operating System	Windows™ XP, Windows™ Vista, Windows™ 7
PC Interface	1x USB1.0 or later (*Programming Interface* is USB2.0)
Installed Disk Space	less than 10MB

Recommended Accessories

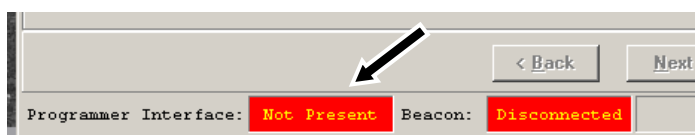|	
Label Printer	Brother P-touch model 2420PC, or equivalent
Printer	Any Windows™ compatible

Contents

Verify that your kit type contains all of the applicable items:

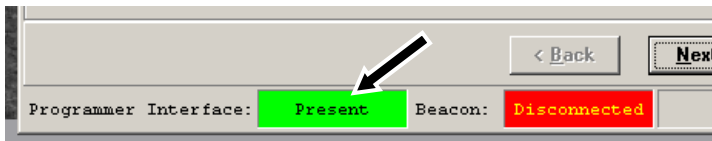| Item	Description	Item Part Number	97MT400DPK	97MT410DPK
a)	MT400 series EPIRB Programmer Interface	97MT400DPI	1	na
b)	MT410 series PLB Programmer Interface	97MT410DPI	na	1
c)	Dealer Programming Software (CD ROM)	97MT400DPD	1	1
d)	USB cable	41B0154	1	1
e)	This instruction leaflet	310218	1	1

Software Installation

The *Dealer Programming Software* supports operation of both EPIRB and PLB *Programmer Interface* Types. It is therefore only necessary to install the program once even if both interface types are to be used.

1. **BEFORE** connecting the *Programmer Interface* to your PC you must install the provided software. If you connect the adapter first Windows may attempt to load an inappropriate generic driver; which will then have to be removed before operation of this kit.
2. Insert the CD ROM into your computer drive. The installation process will normally launch automatically. If it does not, manually run the *install.bat* file on the CD.
3. Follow the on-screen prompts and install all software. For some systems you may be advised that the software is not Microsoft certified and asked if you wish to proceed. Click '**Continue Anyway**' in all instances.
4. Remove the CD ROM from your drive and place it back into its protective case. Store in a safe place.
5. Double click on the program icon [icon] which has been placed on your desktop.
6. In the bottom left corner of the program window you will notice that the *Programmer Interface* is identified as '**Not Present**'

7. Use the USB cable supplied to connect the *Programmer Interface* to the PC. Wait a moment whilst your system automatically identifies that a *Programmer Interface* is '**Present**'.

It is advisable to plug the *Programmer Interface* directly into a free USB port on your computer. Use of an un-powered USB hub is not recommended as power is shared between devices and may be insufficient to ensure reliable operation of your *Programmer Interface*.

Configuring Software Preferences

1. Choose **OPTIONS>PREFERENCES** at the top left corner of the program window.
2. The **GENERAL** TAB enables you to specify the directories where files generated by this program will be stored on your PC's hard drive. These options can be changed at any time but files already stored will remain in their original directory location.
3. The **CONNECTION** TAB enables you to:
   - Specify the data rate with which the software communicates with the beacon. The beacon and software must both use the same rate to successfully communicate. 4800 is the default rate and is required for all but a very limited number of early model beacons (which use 9600).
   - Select the number of times that the software will attempt to establish communications with the beacon. The default '3' is more than sufficient during normal operation. If a beacons optical interface is badly scuffed, temporarily increasing the number of retries may help.

Programming and Reading Beacon Information

Your *Dealer Programming Kit* will automatically identify the type and model of beacon present, and only display options which are relevant to that unit.

NOTE: If you possess both an EPIRB and PLB *Programmer Interface* connect ONLY that interface applicable to the beacon type currently being programmed. When changing between EPIRB & PLB *Programmer Interface* restart the *Dealer Programming Software*.

You will need to have a *Programmer Interface* and Beacon present and connected to move forward through the various programming steps. Follow all on screen prompts and instructions.

IMPORTANT: It is the operator's responsibility to ensure that the information being entered into the beacon is correct and appropriate. Some Countries, National Authorities and Organisations impose special requirements on the programming of beacons.

Other Information

1. It is strongly recommended that a Brother P-touch **PT-2420PC** label printer be acquired. This software and the PT-2420PC can effortlessly produce durable laminated labels to be directly affixed to the programmed beacon. The following types are most suitable; **EPIRB 12mm Black on White TZ-231** (or TZ-S231), and for **PLB 6mm White on Black TZ-315**. For **PLB battery service** you will also require **18mm White on Black TZ-345**.
2. Visit Brother's website   www.brother.com   for product details and retailers in your region. Whilst other approaches are possible it has been observed that the common practice of applying a clear film over a printed paper label often fails to achieve an acceptable level of durability (resistance to fading, adhesion, etc).
3. Updates to this software are available to approved dealers via the GME website. To apply for access, please register at http://www.gme.net.au/dealer.