


The manual is divided into more sections which may be printed separately. When doing so please print the Table of contents, introduction, update sheets and Index (all pages prior to page 1-1 and after page 4-x) and insert these in the printed section

IMPORTANT:

Updates / changes / important information related to the TetraFlex® system and software may be downloaded from the protected part of www.damm.dk

Please check this URL for updated information before attempting to install or correct errors

NOTE: Chapters marked with a  indicate areas where special care must be taken to avoid personal injury or damage to the equipment.



Before starting installation and configuration, please read the entire manual carefully.



NOTE: It is the responsibility of the system owner / operator to ensure that only authorized service persons has access to the keys / inside circuits of the SB412 / BS4xx.



NOTE: It is the responsibility of the system owner / operator to ensure that all local legislation, rules and regulations are complied with.



The SB412 / BS4xx are protected by internal fuses. Always replace with fuses of equivalent value and type.

General Warning

This manual contains important safety and operational information. Please read and follow the instructions in this manual. Failure to do so could be hazardous and result in damage to your device.

Changes and modifications to this device not expressly proved by DAMM could void the user's authorization to operate this device

North America regulations

The Base Station Transceivers and products devices mentioned in this User Manual comply to FCC part 90 and Industry Canada (IC) RS119 regulations for such equipment.

The equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The

equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications.

RF Exposure

The DAMM developed transmitting devices mentioned in this User Manual have the Nemko approval concerning “Maximum Permissible Exposure Calculations” which are the European limits for maximum permissible exposure defined in the document 1995/519/EC, Council Recommendation of 12. July 1999. The results are to be found in the Nemko Document 128948/5 in the appendix of this User Manual. A document for FCC compliance is also there.

Antennas

The outside antenna connected to this device must be installed on an outdoor permanent structure with a separation of at least 20 feet from all persons during normal operation.

Notice

- ❖ Do not modify any part of this device for any reason
- ❖ Do not place any combustible material near the transceiver
- ❖ Do not spray any liquid over the device
- ❖ Ensure that the power and antenna connections are securely made, using cables recommended and with excess capacity for the power being utilized.

REFERENCE DOCUMENTS

For detailed information’s regarding the TetraFlex® release and features supported, please consult the documents listed below:

No.:	Document Title	Document Contents
1	TetraFlex v7.5 System description.pdf *	TetraFlex® system overview
2	TetraOM_7.5.pdf	TetraFlex® OM manual
3	TetraFlex_RN_7.52_2011-09-30_02.pdf *	TetraFlex® system release note
4	TetraFlex 7.4x to 7.5 update.pdf	Update guideline for ver.7.4x to 7.5
5	TetraFlex 7.5 BS41x redundant setup.pdf	Redundancy sw setup guideline for BS41x

*) These documents is a part of the TetraFlex® release and placed in the C:\tetra\Active\Doc directory

All documents can be found on www.damm.dk extranet.

TETRAFLEX® MANUAL BREAKDOWN

Section	Description	Level
Part 1	Physical hardware installation	Tech
Part 2	Software installation and configuration of software and system	Tech
Part 3	User manual intended for operators and non technical personnel	User
Part 4	Technical reference	Tech
Part 5	Hardware Units Ref.	Tech
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