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Herndon, VA 20170  
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Client: Vocollect, Inc.  
Model: T2X/TT-601\_R WF  
Standards: FCC 15.247 & RSS-210  
FCC ID: MQOTT601-10000  
Report #: 2006053

## **Appendix I: Manual**

Please refer to the following pages.

# T2/T2x Version and Compliance Information

**Note:** This page contains information about Talkman® devices that adhere to the Restriction of Hazardous Substances (RoHS) directive set forth by the European Union, as well as information about Talkman devices that were for sale before this directive and are non-RoHS compliant. Differences between the types of devices are noted.

- Version
- Declaration of Conformity
- Regulatory Policy Compliance
  - Talkman® T2 Federal Communications Commission Compliance
  - CE Marking & European Compliance
  - Brazilian Compliance
- Specific Absorption Rate (SAR)Level

## Version

For version information, please consult the **Help | About** menu option of any Vocollect application or check the release notes that accompanied the *Vocollect Management Software™*.

Software	Release Version
Vocollect <i>VoiceConsole™</i>	Consult the release notes.
Talkman® T2/T2x Terminal Software	Consult the release notes.
<i>Terminal Manager™</i>	Consult the <b>Help   About</b> menu option.
<i>Operator Manager™</i>	Consult the <b>Help   About</b> menu option.

## Declaration of Conformity

[Click here](#) to view the Declaration of Conformity for the non-RoHS compliant Talkman T2/T2x devices with charger and battery charger.

[Click here](#) to view the Declaration of Conformity for the RoHS compliant Talkman T2x device with charger and battery charger.

## Regulatory Policy Compliance

- Talkman T2/T2x Federal Communications Commission Compliance
- CE Marking & European Compliance

## Talkman T2/T2x Federal Communications Commission Compliance

This device complies with Part 15 (b) of the Federal Communications Commission (FCC) Rules.



This product has been tested to the following standards:

	Standard
European Union/ Manufacturers declaration of Conformity. EMC Directive 89/336/EEC and amendment 92/31/EEC	<b>Emissions -EN 55022: 1998: Class B:</b> Limits & Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment <b>Immunity -EN 55024:1998:</b> Electromagnetic Compatibility-Immunity of Information Technology Equipment (ITE), which consists of: EN61000-4-2; ESD EN61000-4-3; Radiated Immunity EN61000-4-6; Conducted Immunity EN61000-4-11; Voltage Interruptions
United States/Federal Communications Commission	<b>FCC Part 15, Class B:</b> Code of Federal Regulations, Title 47 Telecommunication Part 15-Radio Frequency Devices
Canada/Industry Canada	<b>ICES-003:</b> Industry Canada Interference-Causing Equipment

The non-RoHS compliant T2/T2x product may contain one of these radio devices. See device label.

Card Manufacturer and P/N	Vocollect Talkman FCC ID #	Vocollect Talkman Canadian ID #
Symbol-LA-3021- 101-US 2Mbps 100mW H9PLA3021-100	MQOTT600-22300	2570A-TT600T2
Symbol-LA-4121- 1020-US	MQOTT600-35300	2570A-TT600

H9PLA4121		
Lucent-PC24E-H-FC WorldCard	MQOTT500- 33300	230-391152A
CISCO- AIR-PCM350 LDK102040	MQOTT600- 40300	2570A-TT600
Vocollect Wi-Fi 600-2400-032	MQOTT600- 50300	2570A-TT60- 50300

The RoHS compliant T2x product may contain one of these radio devices. See device label.

Card Manufacturer and P/N	Vocollect Talkman FCC ID #	Vocollect Talkman Canadian ID #
Summit SDC-CF10G	MQOTT601-10000	2570A-TT601100

The T5 terminal contains an integrated Wi-Fi/Bluetooth chip.

The Talkman product is separately approved for:

1. FCC Part 15 Subpart C
2. Industry Canada RSS211 and RSS139
3. ETSI 300-328, ETSI 300-826, EN 60950
4. Approved for use in the following countries: U.S.A., Canada, all EU and EEA member states, Mexico, Brazil, Australia, and South Africa.

The Talkman T2/T2x is nominally a Class B digital device, pursuant to Part 15 of the FCC Rules.

Caution: Exposure to Radio Frequency Radiation.

The Talkman T2/T2x terminal contains an internal low-power radio. The radiated output power of the radio is far below the FCC radio frequency exposure limits. Nevertheless, the Talkman T2/T2x terminal shall be used in such a manner that the potential for human contact with the radio antenna during normal operation is minimized. The terminal should not be used if the case is open or if the internal antenna is exposed. When not in use, the Talkman T2/T2x terminal should be powered off. In addition, the terminal should be worn in accordance with the instructions for this device.

Vocollect terminals are designed to be compliant with the rules and regulations in the locations into which they are sold and are labeled as required. Vocollect terminals are type approved and do not require the user to obtain license or authorization before using them. Changes or modifications not expressly approved by Vocollect, Inc. could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classes B est conforme à la norme NMB-003 du Canada.

# CE 0336 !

**Warning: The Talkman T2/T2x terminal is a class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.**

## **Part 15 (b) of the Federal Communications Commission (FCC) Rules**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **CE Marking & European Compliance**

Products intended for sale within the European Union are marked with the CE Mark, which indicates compliance to applicable Directives and European Normes (EN) as follows. Amendments to these Directives or ENs are included.

<b>CE 0336 !</b>	<b>Important Notice:</b> This device is a 2.40 to 2.48GHz RF device intended for office and light industrial use in all EU and EFTA member states.
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## **Applicable Directives**

- Electromagnetic Compatibility Directive 89/336/EEC
- EN 55022: 1998 Class B

- EN 55025: 1998

AUS	B	DK	FIN
F	D	GR	IRE
I	LUX	NL	P
E	S	UK	

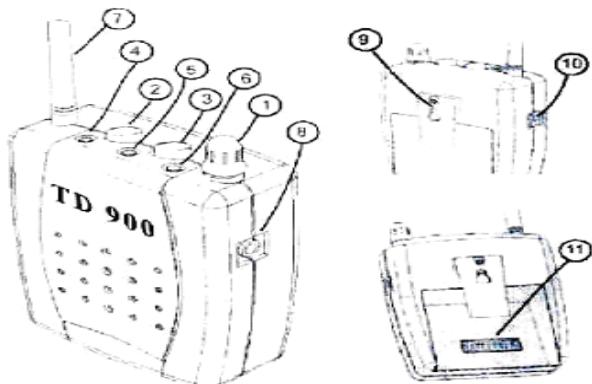
**Note: This device is also authorized for use in all EFTA member states (CH, ICE, LI, NOR).**

Made in the U.S.A.

Vocollect Inc.

Pittsburgh, PA

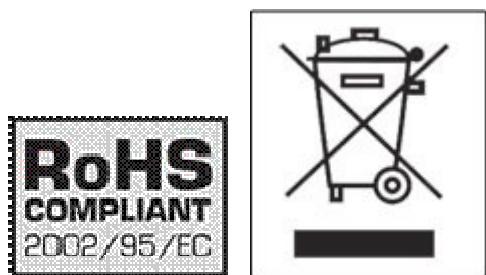
## Brazilian Compliance



Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário

## Specific Absorption Rate (SAR) Level - RoHS compliant

The RoHS compliant Talkman T2x has been SAR tested. The maximum SAR value measured was 0.306 W/kg.





### Declaration of Conformity

We the undersigned affirm that the electrical equipment manufactured by us fulfills the requirements of the R&TTE

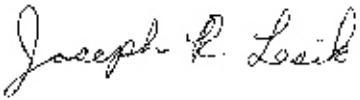
Directive 1999/5/EC.

Last revision:	May 31, 2006
Manufacturers Name:	Vocollect, Inc
Manufacturers Address	703 Rodi Road Pittsburgh, Pa 15235
Country	USA

Certify and declare under our sole responsibility that the following equipment:

Product description / Intended use	Vocollect® T2x
EU / EFTA Member states intended for use.	Approved for use in all EU and EFTA member states. Note: New members may be omitted or subject to change. For an up to date official list please contact the EU government offices.
Other Country approvals	US, Canada
Members with Restrictive use	Belgium, France and Italy may have restrictions on outdoor use
Manufacturer	Vocollect, Inc.
Brand	Vocollect
Type	T2x
Model(s)	TT-601_R WF ETSI
Is tested and conforms with the essential requirements for the protection of health and safety of the user and any person and Electromagnetic Compatibility, as included in the following standards.	

## T2x\_RoHS\_DeclarationofConformity

Standards to which the Conformity is declared:	EN 60950-1 Information Technology Equipment - Safety EN 300 328 – Electromagnetic Compatibility and Radio Spectrum Matters EN 301-489-1/17 – Electromagnetic Compatibility Standard for Radio Equipment and services	
Technical Features and Characteristics:	Operating Frequency Range 2400-2483.5 MHz Measured RF output peak power (E.I.R.P) 18.2dBm Modulation Methods DSSS Spurious emissions level less than -31.8 dBm operating (30 MHz to 1 GHz) Spurious emissions level less than -64.3 dBm in standby (30 MHz to 1 GHz)	
Technical construction file is kept at the following address:		
Vocollect, Inc 703 Rodi Road Pittsburgh, Pa 15235 U.S.A. Phone: 412-829-8145 Fax: 412-829-0972	Contact:  Joseph R. Lesik Senior Compliance Engineer	 06





### Declaration of Conformity

We the undersigned affirm that the electrical equipment manufactured by us fulfills the requirements of the EMC Directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC and the Low Voltage Directive 73/23/EEC

Last revision: March 29, 2005

Manufacturers Name: Vocollect, Inc

Manufacturers Address: 703 Rodi Road

Pittsburgh, Pa 15235

Country USA

Certify and declare under our sole responsibility that the following equipment:

Product description / Intended use	Talkman® T2 wearable computer and Talkman® T2x wearable computer with terminal charger and battery charger. Voice directed data acquisition device operating in the 2.4Ghz ISM frequency band. Unit contains a pre-approved OEM WLAN radio card.
EU / EFTA Member states intended for use.	Approved for use in all EU and EFTA member states. Note: New members may be omitted or subject to change. For an up to date official list please contact the EU government offices.
Other Country approvals	Brazil, Mexico, Australia, Canada, South Africa
Members with Restrictive use	None
Manufacturer	Vocollect, Inc.
Brand	Talkman
Type	T2, T2x
Model(s)	TT-600, TT-601, CM-601, CM-602
Is tested and conforms with the essential requirements for the protection of health and safety of the user and any person and Electromagnetic Compatibility, as included in the following standards.	
Standards to which the Conformity is declared:	Class B limits as defined by CISPR11 EN 55022:1998 to include Conducted and Radiated Emissions EN 55024:1998 to include: EN 61000-3-3:1994, EN 61000-3-2:1995, EN 61000-4-2:1995, EN 61000-4-3:1996, ENV 50204:1996 EN 61000-4-4:1995, EN 61000-4-5:1995, EN 61000-4-6:1996 EN 61000-4-11:1994, EN 60950 and ETS 301 489-1/-17, AS/NZS3548

This product will contain a device, which complies with the essential radio test suites so that it effectively uses the frequency spectrum allocated to terrestrial/space and radio communication and orbital resources so to as avoid harmful interference and safety as included in the following standards:

Standard to which the internal OEM radio card comply.	ETS 300-826 ETS 300-328 FCC-15.247, IEC-003
Technical construction file is kept at the following address:	
Vocollect, Inc 703 Rodi Road Pittsburgh, Pa 15235 U.S.A. Phone: 412-829-8145 Fax: 412-829-0972	Contact:  Mike Davis Director of Quality
	

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