The Industry Standard for Voice-Directed Distribution™

Demanding industrial environments require tough equipment that delivers flawless performance. For workers on six continents, Voice-Directed Distribution is at the heart of operations, helping DCs like yours drive impressive results. After nearly 20 years of applying Voice in DCs, Vocollect along with many partners around the globe have the experience you can trust.

Phase 1: Project definition
Your detailed requirements for timing and performance will be documented, and your Implementation Team will review the proposed design, costs, and benefits you expect.

Phase 2: Software development and quality assurance
Your software will be developed and then rigorously tested by Vocollect's Quality Assurance team.

Phase 3: Pre-implementation
The solution will be installed and tested in phases to confirm all aspects of your voice system are functioning properly.

Phase 4: Implementation
Your Implementation Team will help you roll out your voice solution, measure performance, and confirm your expectations are met. Training will be coordinated, if required.

Phase 5: Project completion
You will be introduced to the Vocollect 24/7/365 Technical Support Center to address any future support needs you may have.

Phase 6: Post-launch review
Approximately three months later, we'll request your candid feedback to gauge the results of your project.

As your project moves through its life cycle – from early planning stages through to implementation, you can take advantage of experience that has made Vocollect the number one choice in the world for Voice-Directed Distribution.

SPECIFICATIONS:

Physical

Dimensions: 5.5 in x 2.6 in x 1.7 in (140 mm x 67 mm x 43 mm), curved design

Weight: 12.1 oz (343 g) with high-performance battery

Battery:
- High-performance "smart" battery with monitoring chip
- Minimum 12 hour run time in normal temperatures
- Minimum 10 hour run time in freezing conditions

Environmental

Operating temperature: -29° to 122°F (-34° to 50°C)

Rain/dust: IP67 rating

Operating humidity: 100% condensing

Corrosion/water resistance: International Electrotechnical Commission Standard 60529, Ingress Protection (IP) standards

Keypad: Sealed membrane bezel-type buttons

Drop tested:
- MIL STD 810F for vibration and shock
- Independent tests: 25 drops from 5 ft (152.4 cm); 10 additional drops from 6 ft (182.88 cm) onto polished concrete; 10 drops at varying angles from 5 ft (152.4 cm) at –20° F (-29°C) onto polished concrete

Open Operating Platform

CPU: Intel® 416 MHz PXA270 XScale®*

Operating system: Microsoft® Windows® CE

Memory: 64 MB RAM; 64 MB Flash with Intel's StrataFlash® Wireless Memory L30

RF Data Communications

Network standards: IEEE 802.11b for Wi-Fi compliant radios

Wi-Fi radio: Embedded 802.11b certified radio

Antenna: Vocollect custom; compliant with Portable General Population / Uncontrolled Exposure

Bluetooth: Built-in Bluetooth wireless chipset with 10m radius

RF exposure compliance:
- Meets FCC Specific Absorption Rate (SAR) per ANSI/IEEE C95.1-1991 AND C95.3-1991
- Meets European CE regulations under the R&TTE Directive

Agency Approvals

U.S.: FCC Class B, Part 15

Europe: CISPR 11 Class B

Canada: ICES-003

StrataFlash® is a registered trademark of Intel Corporation.
Bluetooth® is a registered trademark of SIG, Inc.

ORDERING INFORMATION

	Ordering No.	Contents
	TT-700-100	Talkman® T5 Wearable Computer with elastomer skin (battery sold separately)
	BT-700-1	T5 high-performance battery
	CM-700-1	10-bay T5 combination charger (charges both T5s and batteries)
	CM-701-1	Mounting bracket for 10-bay T5 combination charger
	HL-700-1	T5 adjustable shoulder harness
	BL-700-1 BL-700-2 BL-700-3 BL-700-4 BL-700-5 BL-700-6 BL-700-7	T5 Belt, XS T5 Belt, S T5 Belt, M T5 Belt, L T5 Belt, XL T5 Belt, XXL T5 Belt, XXXL

Replacement Parts	Ordering No.	Contents
	EO-700-1	T5 replacement elastomer skin
	BL-700-101B	Replacement clips for either the T5 shoulder harness or belt; bag of 5

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Talkman® T5
Wearable Computer

In conditions ranging from freezing cold to steamy heat, more than 100,000 distribution center workers rely on Voice-Directed Distribution™ every day to boost productivity, improve accuracy and lower operating costs. Smaller, lighter, and Bluetooth® equipped, the Talkman T5 terminal, the latest generation Talkman® wearable computer, opens a two-way dialogue between your team members and your host system. The result? New levels of performance – even in extreme conditions – where rough handling and the hazards of an industrial environment are daily realities.

TALKMAN® T5 WEARABLE COMPUTER

The Talkman® T5 terminal: among the smallest industrial-grade, wearable computers ever built, delivering mission-critical voice-recognition performance with speed and precision.

QUICK START EACH SHIFT

Minimize start time at the beginning of each shift, for every team member. As soon as a team member connects his or her SR Series Speech Recognition headset to the T5 terminal, their personal voice profile is automatically verified. With a quick password, assignments are downloaded, and they are ready to work in seconds.

SR SERIES SPEECH RECOGNITION HEADSETS

Compressors, fans, horns, machines, or other forms of intense industrial noise will not stop these headsets from delivering consistently excellent performance – enabling your team to gain seconds on every transaction. A variety of models are available to meet a wide range of industrial application needs. See the SR Series Speech Recognition Headsets brochure for more information.

EXCEPTIONAL AUDIO QUALITY

Tested to perform for more than six years of industrial use, this tough connector delivers exceptional audio quality. If the cable is strained, the patented breakaway connector separates cleanly from the T5, protecting your investment in SR Series Speech Recognition headsets or other devices.

VOCOLLECT VOICE™ – FAST, ACCURATE, AND NOISE TOLERANT

Perfected over nearly 20 years of use in demanding industrial environments, Vocollect Voice™ is the industrial speech recognition engine of choice in thousands of distribution centers on six continents. Team members have nine selectable speeds (up to 400 words/minute), can choose among 16 languages for their prompts, and can respond in any language.

WELCOMED BY WORKERS

Just like a mobile phone clipped to your belt, you won't know the T5 is there. At 12.1 oz. (343g), its ergonomic design curves around the body so you can comfortably wear it on a belt or a shoulder harness. To keep team members safe from radio emissions, the antenna radiates away from the body and exceeds standards for body-worn radio frequency devices.

FULL-SHIFT BATTERY

Even in extremely cold environments, the T5's high-performance battery provides a full shift of service. Plus, team members won't have to interrupt their assignments to change batteries.

Actual size

CONNECT WIRELESS OR WIRED DEVICES

Need bar code readers and printers to meet work process needs? Imagine working wirelessly. The T5 has a built in Bluetooth compatible radio for wireless connection to these devices. And if you're currently using these devices with a T2x wearable computer, the T5 is backward compatible with all Talkman-approved accessories.

Bluetooth®

WIRELESS SOFTWARE MANAGEMENT

From an IT perspective, managing your installed base couldn't be easier. With the wireless network, software can be loaded, terminals configured, and firmware updated – all while the T5s are in the terminal charger.

ALREADY USING A T2*x*? THERE ARE MANY BENEFITS OF UPGRADING!

For Team Members:

- **Increased comfort:** 33% smaller and 45% lighter than the T2x, many users claim they hardly know it's there. Small enough to fit in your pocket, the T5 offers exceptional freedom of mobility.

- **More forgiving:** The elastomer "skin" protects the T5 from bumps and scratches. No additional bags or holsters are required. The skin does not need to be removed before charging: simply place the T5 in the charger, and go.

- **More choice:** The T5 can be worn on either a belt or a shoulder harness.

- **Improved uptime:** The standard battery runs a full shift, even in freezing conditions. There's no need to maintain multiple battery sizes.

For DC Managers

- **Increased productivity** through the T5's automated team member setup at the beginning of each shift. When a team member connects their headset, their personal voice profile is verified and with a quick password, tasks are downloaded automatically.

- **Improved operational flexibility** with wireless connectivity with Bluetooth RF devices, like bar code readers, belt-worn printers, diagnostic equipment, and more.

- **Improved battery management:** The T5's high-performance smart battery provides information like hours used and the total number of charge cycles to Vocollect's VoiceConsole™ deployment management software.

- **Reduced space needed for charging:** 10-bay "combination" charger handles both terminals and batteries. No need to have separate bays.

Actual size of T2x

Actual size of T5

The T5 Wearable Computer: 33% smaller and 45% lighter than the T2x