

HHTX-FS-VHF

VHF/UHF KEYFOP TRANSMITTER

PRELIMINARY

DATA SHEET

Radios, Inc.

April 28, 2006 Preliminary Data Sheet

HHTX-FS-VHF

VHF/UHF KEYFOP TRANSMITTER

Description:

The HHTX-FS-VHF is an FM transmitter which will operate in any 26 MHz band from 100-1000 MHz, including the Industrial Scientific Medical (ISM) band (902-928 MHz). It requires one 12 volt battery. The HHTX-FS-VHF is a well designed transmitter that is suitable for a variety of RF applications.



Key Features:

- Low cost
- Low power consumption
- Rugged construction
- Stable synthesized architecture
- Small size
- No production tuning

Typical Applications:

- Remote controls
- Garage openers / Gate controls
- Keyless entry
- Home / Industrial automation
- Remote access
- Domestic / Commercial security
- Automated resource management
- Fire / Security alarms
- Long-range RFID
- General wire elimination

Product Order Information

Part Number	Description
HHTX-FS-VHF	VHF/UHF Keyfop Transmitter

Contact Information:

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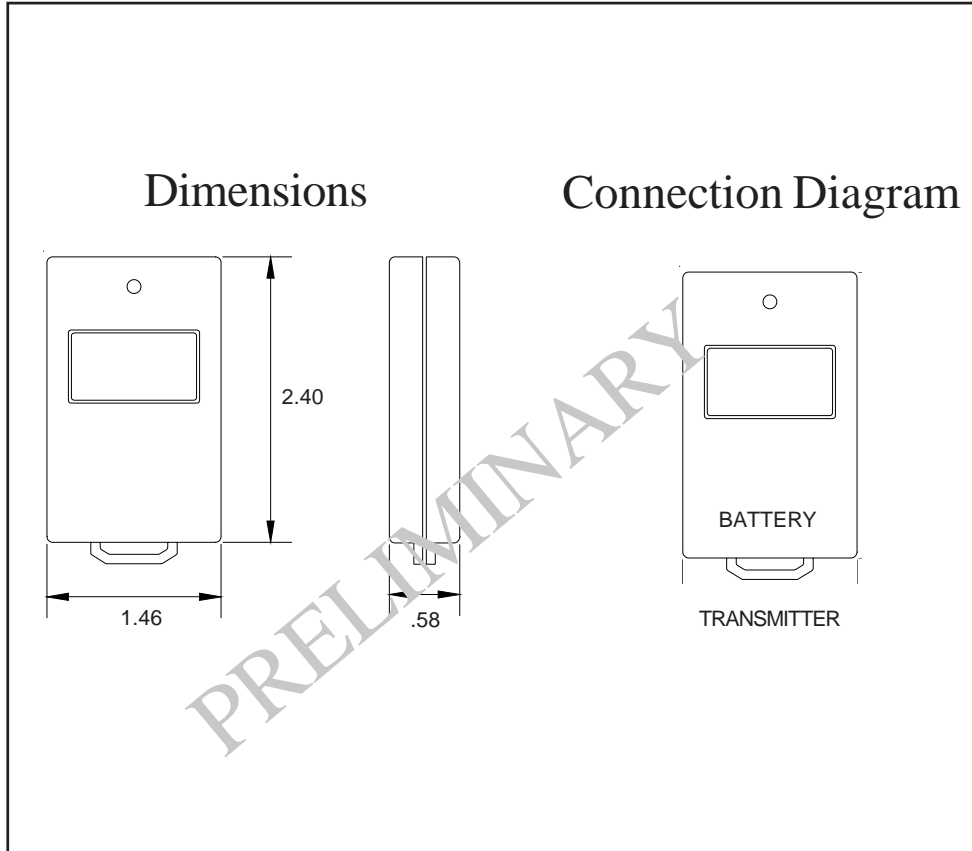
Postal Address: P.O. Box 1304

North Wales, PA 19454

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Mechanical and Pin Diagram



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Electrical Limits

Sym	Parameters	Min	Typ	Max	Unit	Notes
	DC Voltage V_{DC}	12	12	12	V	
	Operating temperature	-20		65	°C	
	Storage temperature	-45		85	°C	

Electrical Characteristics

This device is ESD sensitive. Do not operate or store near strong electrostatic fields. Use appropriate ESD precautions.

Parameters	Test Conditions	Min	Typ	Max	Unit
Supply Voltage			12		VDC
Supply Current			TBD		mA
Working Frequency		100		1000	MHz
Overall Frequency Accuracy		-100		100	kHz
RF Output Power			7		dB μ V
Data Rate			TBD		Kbps
Operating Temperature Range		-20		65	°C

Note 1: Exceeding the absolute maximum ratings may damage the device.

Note 2: The device is not guaranteed to function outside its operating ratings.

Note 3: The device uses one A23 12 volt battery.

Data Format:

The format by which data is transmitted is custom configured before shipment based on the user's application.

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Product Warranty and Disclaimer Information:

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A product can be returned directly to Radios, Inc. for evaluation. All returns must have a valid RMA number attached. RMA numbers can be obtained by calling customer service at Radios, Inc. If a product is found to be defective and is returned within 90 days of purchase, Radios, Inc. may repair or replace, at its option, said defective product. This warranty does not apply to products which have been disassembled, modified, or subjected to conditions exceeding the application specifications. Under no conditions will Radios, Inc. be responsible for losses arising from the use or failure of a device in any application or for losses arising from failure to meet delivery requirements, other than the repair, replacement, or refund limited to the original product purchase price. No other warranties, express, implied, or statutory, including warranty of fitness for a particular purpose, apply.

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Technical Support:

Radios Inc. is committed to providing its customers with excellent technical support and the resources necessary to assist its customers with their product development. Customers have several options to obtain assistance. First, any questions or concerns can be e-mailed to Radios Inc. at information@radiosinc.com. We monitor our e-mail daily, and will respond to all questions promptly. Additionally, to speak directly to a technical support representative, customers may call Radios Inc. at 215-362-1899.

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Editorial Information:

	(Date)
Last Updated	April 28, 2006PRELIMINARY