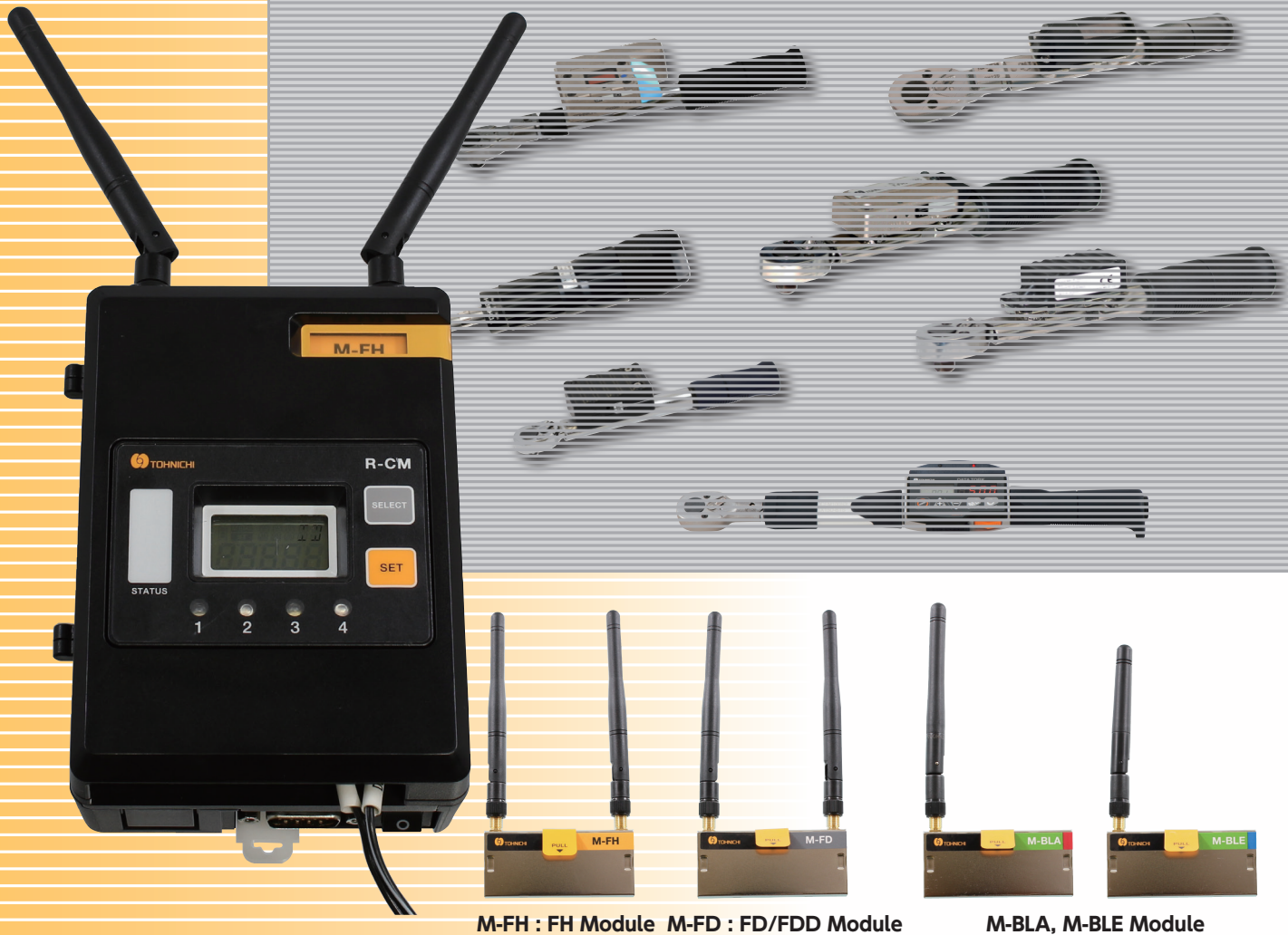


Modular Conversion Receiver R-CM

Radio Receiver for Wireless Torque Wrench & Driver
Prevents missed tightening



- Interchangeable modules allows for easy upgrades from basic wireless signal to torque data transfer system
- Quick connect system makes it simple to pair receiver with torque wrenches
- T-FHM transmitter and R-CM+M-FH receiver feature longer distance communication with dual antennas and battery monitoring functions

FC CE RoHS

Advantage of R-CM+M-FH with T-FHM transmitter

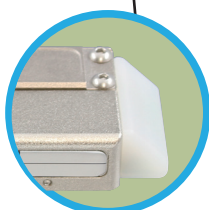
New T-FH/T-FHM Transmitter



T-FH/T-FHM



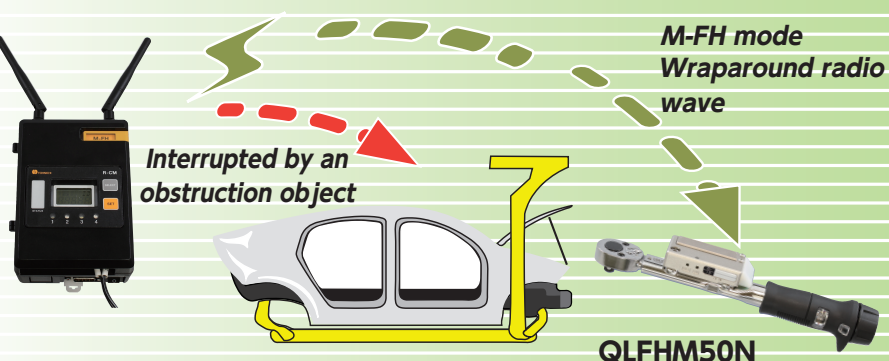
Previous
T-FH256MC



New
T-FH/T-FHM



SB-FH2
Setting Box for New
T-FH/T-FHM and
existing FH series and
FHD/FD/FDD.
Setting software is
available



Difference of T-FH/T-FHM transmitter

- T-FH:** Compatible with previous FH series, it is set at R-FH mode as default.
- T-FHM:** For using advanced functions: wraparound radio wave and battery level alert M-FH mode as default.

- ※ SB-FH2 setting box is required to change M-FH / R-FH mode.
- ※ To use T-FH/T-FHM or R-CM together with previous FH series such as T-FH256MC/T-FHSL256/T-FHP/RTDFH/RNTDFH transmitter or the receiver R-FH256, should be set at R-FH mode.

Battery Alert

- ※ For T-FHM at M-FH mode

Outputs residual voltage value of T-FHM to R-CM. R-CM alerts when the voltage drops.

Quick Pairing

- ※ For previous T-FH256MC and T-FH/T-FHM

Easily exchange modules

Remote Setting

- ※ Not for M-FD, M-BLA/BLE

Changeable Group channel, ID and Judgment code remotely. Convenient when hardware is installed out of reach.

Count Checker function

- ※ Not for M-FD



eg. Count 4
03, 02, 01 -



R-FH receiver has count checker function and it is available for the wrench set in Output 1. Counting of the number of tightenings (1-99) is possible for the wrench output 1.

Optional Extension devices

IO-CM

Expands 4 relay outputs, thus R-CM can be managed up to 8 relay outputs.

IO-CM



BZ-CM

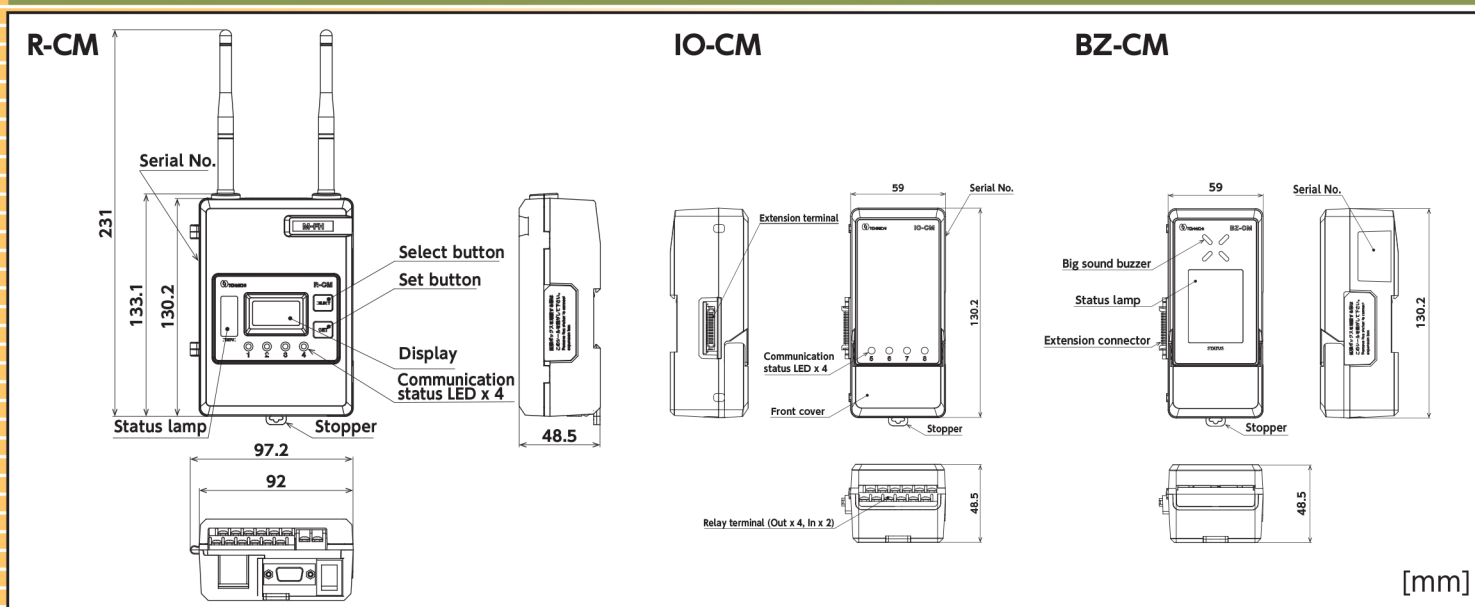
External loud volume buzzer and large lamp

- ※ Part No.1070, 280mm of DIN EN50022-35x7.5 rail and stoppers set come with R-CM receiver as standard accessory.

BZ-CM



Dimensions



Specifications

Model	Receiver	Setting Box	Interchangeable Module			
	R-CM	SB-FH2	M-FH	M-FD	M-BLA	M-BLE
Frequency		2.402GHz-2.479GHz			902.875Hz	868.3Hz
Communication Modulation	Depend on the mounted module	Spread spectrum (FHSS)			-	
Group channel		GFSK			FSK	
ID		256 (000-255)			-	
Input, Output	Relayx4, RS232C	3-digits (000-999), 7-digits (alphanumeric) *3			8 Digits fixed, not selectable *3	
Input	LS signal, Reset	RS232C	-	-	-	-
Power supply	DC24V	DC9V alkaline x 1	-	-	-	-
Antenna	Depend on the mounted module	Dipole antenna	Diversity antenna		Dipole antenna	
Distance		M-FH mode: 10 to 30 m, R-FH mode 10 to 20 m*1 *2			10 to 20 m*1	
Temperature in use	0 - 50°C					
Weight (kg)	0.24	0.92	0.047	0.036	0.036	0.035
Applicable Transmitter	Depend on the mounted module	RTD/RNTDFH, FHP, FHSL256, T-FH256MC, T-FH/T-FHM*2, FHW, T-FD	RTD/RNTDFH, FHP, FHSL256, T-FH256MC, FHW, T-FH/T-FHM*1 *2	T-FD	T-BLA	T-BLE

- Note**
- *1 Transmitting/receiving distance varies depending on surrounding radio environment.
 - *2 M-FH mode is available for the newly updated T-FH/T-FHM transmitter which has white antenna cover. The previous transmitter, black antenna cover type has R-FH mode only.
 - *3 Multiple wrenches can connect to one receiver as long as they do not signal at the exact same time.
 - Contact Tohnichi for conditions of wireless certification acquisition for each country.
 - An Ethernet terminal can be attached as an option for R-CM.

Optional Accessories

- IO-CM: Extension relay output box. Part No.1070: DIN rail 280mm with stoppers FHM-PCV: Protection cover for T-FH/T-FHM transmitter
- BZ-CM: Loud buzzer with large lamp BA-8R: 100-240V AC adapter

YouTube Promotional videos are available on YouTube. Visit Tohnichi TV!
<https://www.youtube.com/c/TohnichiTV>

TOHNICHI MFG CO., LTD.
 URL <http://www.global-tohnichi.com>
 E-mail overseas@tohnichi.co.jp
 N.V. TOHNICHI EUROPE S.A.
 E-mail europe@tohnichi.com
 TOHNICHI AMERICA CORP.
 URL <http://www.tohnichi.com>
 E-mail inquiry@tohnichi.com
 TOHNICHI SHANGHAI MFG. CO., LTD.
 URL <http://www.tohnichi-sh.com>
 E-mail sales@tohnichi-sh.com



- The appearance and specifications are subject to change for improvement without prior notice.
- © Tohnichi Mfg. Co., Ltd. All Rights Reserved.

