

Bluetooth Connection

Rev1.0 — 19 December 2018

*This document is subject to change without notice.

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1. Indroduction

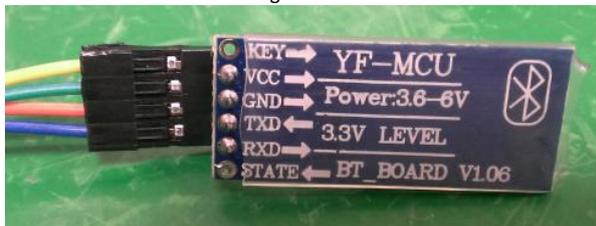
Some drive supports parameter adjustment or control through Bluetooth with a Laptop and A_HMI software (Trumman motor drive tuning software). Bluetooth module HC-06 (or BC-04) is required.



HC-06 Bluetooth module.
[A_HMI_V0300 Download.](#)

2. Connect Bluetooth modeul (HC-06) to drives

- Bluetooth module Pin assignment



Pin Name	Remark
VCC	Connect to +5V
GND	Connect to ground
TXD	Connect to drive RXD
RXD	Connect to drive TXD

2.1. AL (A11) series drive

Connect HC-06/BC-04 to J6 of the drive.

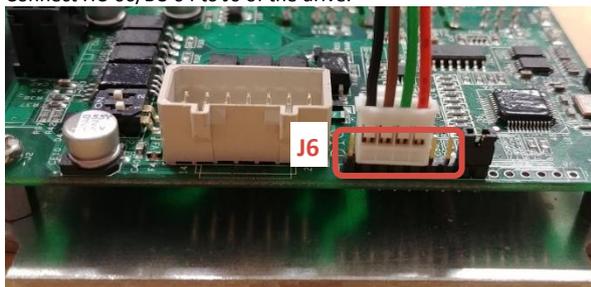


AL - J6

No.	Pin Name	Remark
1	NC	Reserved. Do not use.
2	+5V	Supply voltage for Bluetooth
3	Drive_RXD	Connect to Bluetooth TXD
4	Drive_TXD	Connect to Bluetooth RXD
5	GND	Connect to Bluetooth ground.
6	NC	Reserved. Do not use.

2.2. AS(D01) series drive

Connect HC-06/BC-04 to J6 of the drive.



DS - J6

No.	Pin Name	Remark
1	NC	Reserved. Do not use.
2	+5V	Supply voltage for Bluetooth
3	Drive_RXD	Connect to Bluetooth TXD
4	Drive_TXD	Connect to Bluetooth RXD
5	GND	Connect to Bluetooth ground.
6	NC	Reserved. Do not use.

2.3. ELV(F01) series drive

Connect HC-06/BC-04 to CN5 of the drive.



ELV - CN5

No.	Pin Name	Remark
1	Drive_RXD	Connect to Bluetooth TXD
2	NC	Reserved. Do not use.
3	Drive_TXD	Connect to Bluetooth RXD
4	NC	Reserved. Do not use.
5	GND	Connect to Bluetooth ground.
6	+5V	Supply voltage for Bluetooth

3. Bluetooth Setup

- Step 1: Open Console -> Bluetooth device
- Step 2: Select HC-06/BC-04
- Step3: Enter the pairing password 1234
- Step4: Go to Console -> Device manager. Check what is the COM No. of the Bluetooth device. Enter the COM No. into the A_HMI software setting.

Rev History

REV	Date	Remark
1.0	20181219	1 st Release.

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