Remote Keyless Entry
(HA-T006)

HYUNDAI AUTONET Co., Ltd.

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An outline of Transmitter

1. How to use HA-T006

- HA-T006 & HA-B006 is Remote Keyless System.

- This unit controll door lock/unlock/tail gate unlock with wireless.

- This unit consist of Transmitter(HA-T006)

2. Introduction of Transmitter(HA-T006)

- Transmitter has three buttons

- Transmitter use the battery

- Freqency is 315 MHz

- Modulation item is SAW Resonator

- Transmitter use Rolling code algorithm

3. Regulatory Information

- 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 interface, and

  (2) this device must accept any interference received,
      including interference that may cause undesired operation.

CAUTION: Changes and modifications not expressly approved by the party responsible
         for compliance could void the user's authority to operate the equipment.

Description of Transmitter

1. PRIMARY FUNTION

  - Remote door lock/unlock/tail gate unlock

  - LED turn on (When button is pushed)

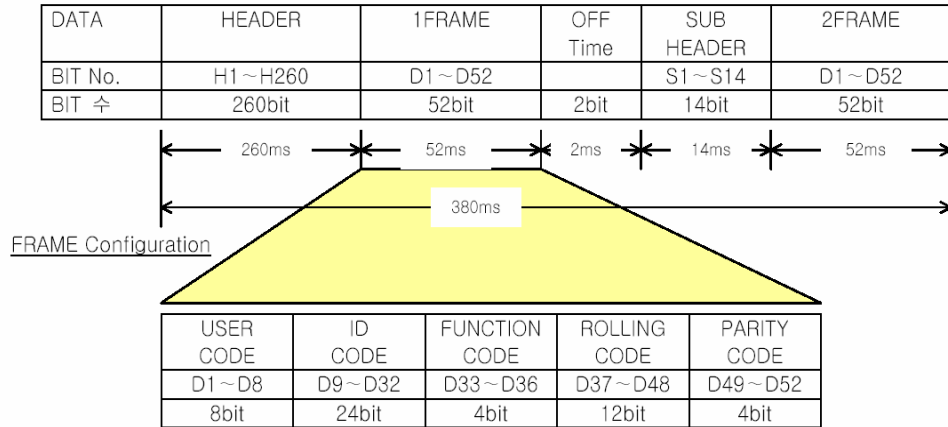 - Operating distance : 30 m over

  - Id input(setting mode)

2. ELECTRICAL CHARACTERISTICS

	TRANSMITTER
model name	HA-T006
Operating voltage	3 VDC
Consumption current	Max 12 mA
Operating frequency	315 MHz
Power	10 mW under
Sensitivity	-
Operating temperature	- 20 ~ + 55 ℃
ETC	AM modulation

3. OPERATING DIAGRAM

1) TRANSMITTER

A) DATA FRAME

DATA	HEADER	1FRAME	OFF Time	SUB HEADER	2FRAME
BIT No.	H1~H260	D1~D52		S1~S14	D1~D52
BIT 수	260bit	52bit	2bit	14bit	52bit

260ms — 52ms — 2ms — 14ms — 52ms

380ms

FRAME Configuration

USER CODE	ID CODE	FUNCTION CODE	ROLLING CODE	PARITY CODE
D1~D8	D9~D32	D33~D36	D37~D48	D49~D52
8bit	24bit	4bit	12bit	4bit

B) DATA FORMAT

LOGIC "0"   LOGIC "1"
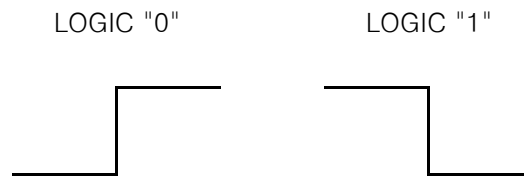
C) TRANSMISSION SPECIFICATION

- BAUD RATE : 1 kbps
- CODING METHOD : MANCHESTER
- TRANSMISSION BIT COUNT : 380BIT
- TRANSMISSION TIME : 380 ms ± 15 %

Block diagram from Transmitter

A. TRANSMITTER(HA-T006)