

**Appendix 7.**

# **User manual**

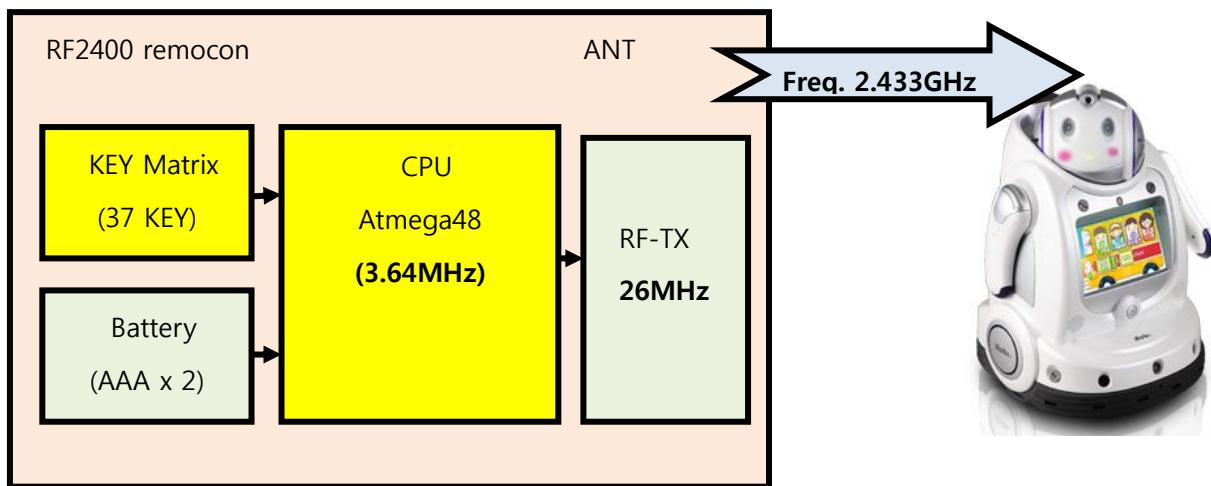
# TRANSMITTER REMOCON

## RF2400 remocon

### - USER MANUAL -



# 1. Block Diagram

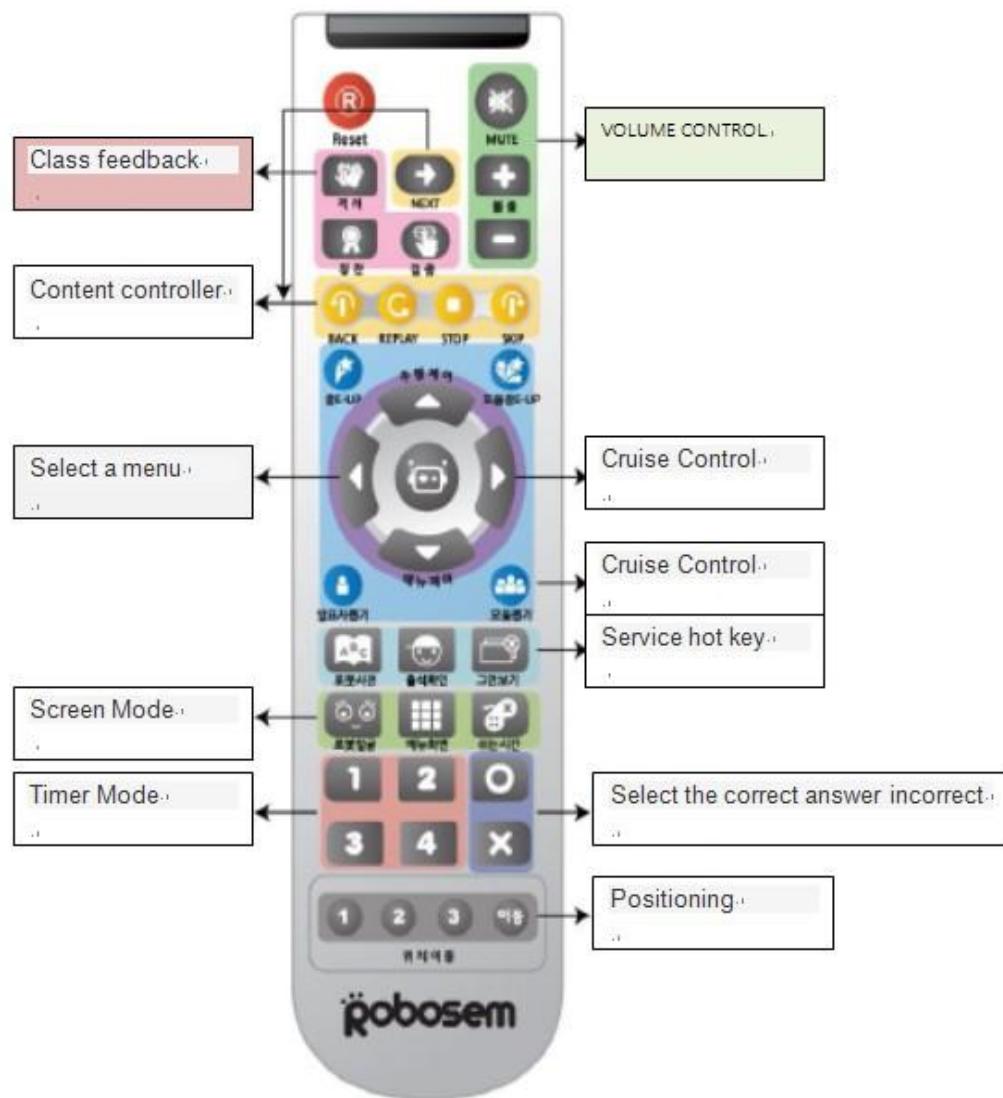


# 2. Product Specification

	SPEC	
Center Frequency	2.433GHz	2.4GHz ISM band
Modulation	2-FSK	
Baudrate	10Kbps	
TX Power	-20dBm	
Channel Spacing	199.95KHz	
Data Format	NRZ	Non return zero
Operating Temp	-20°C to +40°C	RH95%
Operating Voltage	2.7V ~ 3.0V	"AAA" x 2
Operating Current	30mA ( $\pm 3$ mA)	

### 3. KEY Function

- \* Educational functions of the remote control for controlling the robot's Guide
- \* Is controlled by radio remote control will only transmit the command.



(table 1)

	Key name	Function
<b>RESET</b>	<b>Reset</b>	Auto Restart
<b>VOLUME CONTROL</b>	<b>UP</b>	Volume UP
	<b>DOWN</b>	Volume Down
	<b>MUTE</b>	Mute
<b>Class Feedback</b>	<b>집중 (Concentraion)</b>	Students focus on running the induction function
	<b>칭찬 (Compliment)</b>	Praise to the student the ability to run
	<b>격려 Cheer UP</b>	The ability to encourage students to run
<b>Content Controller</b>	<b>NEXT</b>	Run the following content
	<b>BACK</b>	Previously run content
	<b>REPLAY</b>	Content of the return
	<b>STOP</b>	Stop playback of the content
	<b>SKIP</b>	Content, go to the next step
<b>Cruise Control</b>	<b>전후좌우 (Robot Move)</b>	Awards under the robot moves left and right
	<b>모션중지 (Motion Stop)</b>	Stop the movement of the robot
<b>Select Menu</b>	<b>상하좌우 menu move</b>	Movement of the cursor control menu
	<b>메뉴선택 (menu select)</b>	Select the current function
<b>Service Hotkey</b>	<b>꿈 E-UP (Dream E-up)</b>	Earn points for student achievement
	<b>모둠 꿈 E-UP Group Dream E-up)</b>	Earn points for students achievement

(table2)

구분	버튼이름	기능설명
Service Hotkey	모둠뽑기 Presenters	Selected presenters
	로봇사전 Dictionary	Run an electronic dictionary
	출석확인 Attendance	Make sure the student's attendance
	그만보기 View Stop	Stop the currently executing function
Screen Mode	로봇얼굴 Face Robot	Moves the robot's face
	메인메뉴 Main Menu	Show the menu screen to select content.
	쉬는시간 recess	Content for the student's recess time shows
Timer Mode	1	The timer setting is increased.
	2	The timer setting is reduced
	3	Set the timer for moving the cursor to the left
	4	Set the timer for moving the cursor to the right
Select Answer	O	Answers to the " O"
	X	Answers to the "X"
Positioning	1	As a place to charge the robot moves
	2	The robot moves to the place of th TV.
	3	Teaching the robot moves into place
	이동 (Move)	1~3 select & move

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.