LED Clock MQTT Reporting States (clock publishes to these topics)

Topic Root	Topic	Subtopic1	Subtopic2	Payload	Values / Notes
stat/ledclock	/mode			mode (string)	Clock, Countdown, Temperature, Scoreboard
	/brightness			0-255	
	/clock	/display		nn	12 or 24
		/color	/red	0-255	
		/color	/green	0-255	
		/color	/blue	0-255	
	/countdown	/starttime		hh:mm:ss	Example: "00:15:00"
		/status		status as string	Running or Stopped
		/color	/red	0-255	
		/color	/green	0-255	
		/color	/blue	0-255	
		/colorfinalmin	/red	0-255	
		/colorfinalmin	/green	0-255	
		/colorfinalmin	/blue	0-255	
		/colorpaused	/red	0-255	
		/colorpaused	/green	0-255	
		/colorpaused	/blue	0-255	
	/temperature			nn.n	Updates every 3 min or as specified in sketch
		/symbol		string char	C or F
		/correction		(-)n.n	Example: -6.5
		/color	/red	0-255	
		/color	/green	0-255	
		/color	/blue	0-255	
	/scoreboard	/scoreleft		0-99	
		/scoreright		0-99	
		/colorleft	/red	0-255	
		/colorleft	/green	0-255	
		/colorleft	/blue	0-255	
		/colorright	/red	0-255	
		/colorright	/green	0-255	
		/colorright	/blue	0-255	

Rebooting/restarting the clock will reset values to the defaults defined in the Settings.h file.

All state topics begin with a topic of: stat/ledclock

Examples:
Get the current mode of the clock:

MQTT Topic: stat/ledclock/mode
Payload Returns: String of the clock mode (Clock, Countdown, Temperature or Scoreboard)

Get the current RGB blue value setting of the scoreboard left score:

MQTT Topic: stat/ledclock/scoreboard/colorleft/blue
Payload Returns: A value between 0-255 of the current RGB blue value for the left score.

LED Clock Commands (clock subscribes to these topics)

Topic Root	Topic	Subtopic	Payload	Changes Mode	Notes
cmnd/ledclock/	/mode		n	Yes	Valid values: 0 (clock), 1 (countdown), 2 (temperature), 3 (scoreboard)
	/brightness		nnn		Valid values: 0-255
	/buzzer		nnnn		1-9999 (milliseconds to sound)
	/clock	/color	nnn,nnn,nnn		RGB: 0-255 range for each color
		/display	nn	Yes	Valid values: 12 or 24
		/settime	mmm dd yyyy;hh:mm:ss	Yes	mmm = Jan, Feb, Mar, etc.
	/countdown	/color	nnn,nnn,nnn		RGB: 0-255 range for each color
		/colorfinalmin	nnn,nnn,nnn		RGB: 0-255 range for each color
		/colorpaused	nnn,nnn,nnn		RGB: 0-255 range for each color
		/starttime	hh:mm:ss	Yes	Max of 23:59:59 (split and convert to milliseconds)
		/action	n	Yes	Valid values: 0 (Start), 1 (pause), 2 (stop & reset), 3 (stop & clear)
	/temperature	/color	nnn,nnn,nnn		RGB: 0-255 range for each color
		/symbol	nn	Yes	Valid values: 12 (Celsius), 13 (Fahrenheit)
		/correction	-n or +n	Yes	Examples: -4 or 2.5
	/scoreboard	/colorleft	nnn,nnn,nnn		RGB: 0-255 range for each color
		/colorright	nnn,nnn,nnn		RGB: 0-255 range for each color
		/scoreleft	nn	Yes	Valid values: 0-99
		/scoreright	nn	Yes	Valid values: 0-99
		/scoreup	n	Yes	Increases by one. n=0 Left, n=1 Right, n=2 Both
		/scoredown	n	Yes	Decreases by one. n=0 Left, n=1 Right, n=2 Both
		/reset	n	Yes	Reset to zero: n=0 left, n=1 right, n=2 both

Changes Mode: Issuing the command also changes the current clock mode (e.g. changing the score also changes the clock mode to Scoreboard).

Examples:
Change the color of the clock to red:
Topic: cmnd/ledclock/clock/color
Payload: 255,0,0

Set the starting time for the countdown to 2 minutes, 30 seconds:
Topic: cmnd/ledclock/countdown/starttime
Payload: 00:02:30

Reset the scoreboard scores for both sides to zero:
Topic: cmnd/ledclock/scoreboard/reset
Payload: 2