

## LED sign's Control Commands V1.23 (use for LED sign firmware V4.8 up)

Item	Features	Command	Parameters	Description
1	Timer display On/Off	<b>GALEDTM=</b>	<b>ON</b> or <b>OFF</b>	ON = Timer display enable , OFF = Timer display disable
2	Timer Date On/Off	<b>GALEDDT=</b>	<b>ON</b> or <b>OFF</b>	Date display ON or OFF
3	Timer Date Setting	<b>GALEDDATE=</b>	<b>YYMMDD</b>	YY= year from 0 to 99 , MM= month from 1 to 12, DD= day from 1 to 31
4	Timer Date mode	<b>GALEDDTMD=</b>	<b>X</b>	0 = DD-MMM-YY , 1 = MMMM DD,YY , 2 = MM/DD/YY , 3 = DD/MM/YY , 4= MM-DD-YY, 5 = DD-MM-YY, 6 = MM.DD.YY, 7 = DD.MM.YY, 8 = MM DD YY , 9 = DD MM YY
5	Timer Time Setting	<b>GALEDTIME=</b>	<b>HHmmSS</b>	HH= hour from 00 to 23 , mm = minute from 00 to 59 , SS = second from 00 to 59
6	Timer Month language of Date	<b>GALEDLANG=</b>	<b>XXX</b>	ENG = English , FRA= France
7	Timer Display Mode	<b>GALEDTMD=</b>	<b>X</b>	1 = Timer display after every message , 2=Timer display once after finished all messages
8	Timer display hold time	<b>GALEDSHTM=</b>	<b>XXX</b>	from 001 to 999 seconds
9	Buzzer On/Off	<b>GALEDBZ=</b>	<b>ON</b> or <b>OFF</b>	ON = Buzzer beep enable , OFF = Buzzer beep disable
10	Buzzer On Time	<b>GALEDBZTM=</b>	<b>XXX</b>	from 001 to 999 seconds
11	Buzzer music type	<b>GALEDBZTY=</b>	<b>X</b>	Music type from 0 to 9
12	Scroll Speed control	<b>GALEDSPEED=</b>	<b>X</b>	X = 1 ( slowest ) to 5 ( fastest ) , this scroll feature only active the message length more then LED sign display's character length.
13	Default message	<b>GALEDMESG=</b>	<b>xxxxx...</b>	It keep 50 characters for message to replace default message of "Gold Apollo LED signs moving display" , If use "GALEDTIME=HHmmSS" as the default message then the default message will show time information on the LED sign.

14	Message Counter	<b>GALEDMGCT=</b>	<b>XX</b>	01= only use one message slot for any capcode and function bits, 24 = each capcode and function will locate its message slot, AU= Auto can have 24 memory but does not care capcodes, this 24 memories will do FIFO action, it mean if It's memory full then oldest memory will move out memory.
15	Auto Clear delay time	<b>GALEDCLRDY=</b>	<b>XXX</b>	000= auto clear disable, delay time = 001 to 999 seconds, message will auto clear itself after delay time is time out.
16	Auto Clear Count times	<b>GALEDCLRCT=</b>	<b>XXX</b>	000= auto clear disable, display how many times = 001 to 999 times, message will auto clear itself after display times is time out.
17	Clear by "Reset" command	<b>GALEDRESCM=</b>	<b>ON or OFF</b>	ON = if the message have header or trailer with "reset" and space words then the same message will be cleared. The header format is "reset"+" "(space), the trailer format is " "(space) +"reset" . And the "reset" will do not care the lower or upper caps.
18	Time Stamp Mode	<b>GALEDTMSM=</b>	<b>X</b>	0 = Off , 1 = time stamp in the head of message , 2 = time stamp in the end of message , time stamp format is HH:MM ( 24 hours time format)
19	Non Scroll Hold time	<b>GALEDMGTM=</b>	<b>XXX</b>	from 001 to 999 seconds, this feature only active when the message length less then LED sign's character length , the default time is 3 seconds.
20	Delete All Messages	<b>GALEDELALL</b>		This command will clear all messages then it will show the default message on the LED sign.

***Control command instruction and Examples:***

Command Item 1: Timer display On/Off

**GALEDTM=ON**

Description: Timer display enables.

Command Item 2: Timer Date On/Off

**GALEDDT=OFF**

Description: Date disable at timer display.

Command Item 3: Timer Date Setting

**GALEDDATE=061025**

Description: The timer's date will set to 2006, Oct, 25

Command Item 4: Timer Date mode

**GALEDDTMD=5**

Description: If the timer set to 2006, Oct, 25 then it will show **25-10-06** on the display.

Command Item 5: Timer Time Setting

**Timer Time Setting=061025**

Description: The timer's time will set to 06:10AM 25 seconds

Command Item 6: Timer Month language of Date

**GALEDLANG=ENG**

Description: If the timer set to 2006, Oct, 25 and Date mode set to DD-MMM-YY then it will show **25-OCT-06** on the display.

Command Item 7: Timer Display Mode

**GALEDTMD=1**

Description: There are three messages then it will show as following,

Message 1 → timer display → Message 2 → timer display → Message 3 → timer display → Message 1... (repeat)

**GALEDTMD=2**

Description: There are three messages then it will show as following,

Message 1 → Message 2 → Message 3 → timer display → Message 1... (repeat)

Command Item 8: Timer display hold time

**GALEDSHTM=005**

Description: The timer's time will show and hold 5 seconds.

Command Item 9: Buzzer On/Off

**GALEDBZ=ON**

Description: The Buzzer's Beep is enabled.

Command Item 10: Buzzer On Time

**GALEDBZTM=008**

Description: The Beep time is selected to 8 seconds.

Command Item 11: Buzzer music type

**GALEDBZTY=0**

Description: The Beep type is selected to 0.

Command Item 12: Scroll Speed control

**GALEDSPEED=5**

Description: The Scroll Speed is selected to fastest. Please note the scroll feature only work when your message more LED sign's character length. If you LED sign's length is 20 characters then your message must more 21 characters then scroll feature will work otherwise the message will be hold and the hold time define by command item 19 (Non Scroll Hold time).

Command Item 13: Default message

**GALEDMESG=Gold Apollo default message**

Description: The default message will be replaced to "**Gold Apollo default message**". This message will show when you delete all messages.

**GALEDMESG=GALEDTIME=HHmmSS**

Description: The default message will be replaced to time information "**16:24:35**". This time information will show when you delete all messages.

Command Item 14: Message Counter

**GALEDMGCT=XX**

Description: If the LED sign is deleted all messages and do a following paging examples :

Step 1. Paging capcode 1 tone A : message 1

**GALEDMGCT=01** (this is the command's selection)

**GALEDMGCT=24** (the last message will show first)

**GALEDMGCT=AU** (the last message will show first)

message 1 → ... repeat ( this is the message display on the LED sign )

Step 2. Paging capcode 1 tone B : message 2

**GALEDMGCT=01**

message 2 → ... repeat

**GALEDMGCT=24**

**GALEDMGCT=AU**

message 2 → message 1 → ... repeat

Step 3. Paging capcode 1 tone C : message 3

**GALEDMGCT=01**

message 3 → ... repeat

**GALEDMGCT=24**

**GALEDMGCT=AU**

message 3 → message 2 → message 1 → ... repeat

Step 4. Paging capcode 1 tone D : message 4

**GALEDMGCT=01**

message 4 → ... repeat

**GALEDMGCT=24**

**GALEDMGCT=AU**

message 4 → message 3 → message 2 → message 1 → ... repeat

Step 5.Paging capcode 1 tone A : message 5

**GALEDMGCT=01**

message 5 → ... repeat

**GALEDMGCT=24**

message 5 → message 4 → message 3 → message 2 →... repeat

**GALEDMGCT=AU**

message 5 → message 4 → message 3 → message 2 → message 1 →... repeat

Step 6.Paging capcode 1 tone B : message 6

**GALEDMGCT=01**

message 6 → ... repeat

**GALEDMGCT=24**

message 6 → message 5 → message 4 → message 3 →... repeat

**GALEDMGCT=AU**

message 6 → message 5 → message 4 → message 3 → message 2 → message 1 →... repeat

Command Item 15: Auto Clear delay time

**GALEDCLRDY=030**

Description: The receiving message will show 30 seconds then it will be clear itself.

Command Item 16: Auto Clear Count times

**GALEDCLRCT=030**

Description: The receiving message will show 30 times then it will be clear itself.

Command Item 17: Clear by "Reset" command

**GALEDRESCM=ON**

Description: The Clear by "Reset" command is enabled. So you can do clear message as following,

Example 1: Message content is "this is a test"

### **reset this is a test**

This head reset command will clear the message.

Example 2: Message content is “this is a test”

### **this is a test RESET**

This reset command at trailer will clear the message.

Command Item 18: Time Stamp Mode

### **GALEDTMSM=1**

Description: The receiving message will be added time stamp in the head of message.

Example: Message content is “this is a test” , Time is 17:58.

LED Sign will show it as **17:58 this is a test.**

Command Item 19: Non Scroll Hold time

### **GALEDMGTM=005**

Description: The non scroll message will show and hold 5 seconds. Please also refer command item 12 (Scroll Speed control).

Command Item 20: Delete All Messages

### **GALEDELALL**

Description: It will delete all messages and it will show the default message on LED sign. Please also refer command item 13 (Default message).