ET Nice
WAVE

Semi - Wireless infra - red beams

EN - Instructions

ETNiceWAVE_06-06-2018

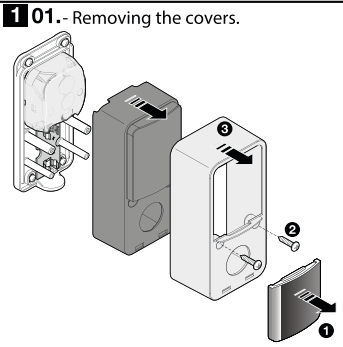
Dipswitch selection guide				
Options	Unit	Dipswitch	Selection	Description
Buzzer mode	RX	1	Off	Buzzer Off
			On	Buzzer On
Transmission power	TX	1	Off	Standard mode (up to 6m,extended battery life)
			On	Boosted mode (up to 12m,reduced battery life)
Channel 1 selection	RX	2	Off	Transmission on Channel 1 selected
	TX	2	Off	Transmission on Channel 1 selected
Channel 2 selection	RX	2	On	Transmission on Channel 2 selected
	TX	2	On	Transmission on Channel 2 selected

13.		RX LED in all modes	
Status		RX LED	Continues Until
L.1	IR connection made. Battery level good.	On	IR connection not made
L.2	IR connection not made. Battery level good.	1s flashes	IR connection is made.
L.3	IR connection made. Battery level low.	4 x 0,5s flashes followed by a 15s pause.	IR connection not made
L.4	IR connection not made. Battery level low.	1s flashes	IR connection is made.

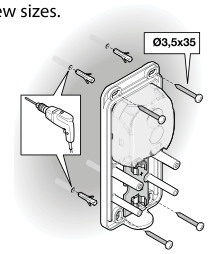
14.		Buzzer when not in "Buzzer on mode"	
Status		Buzzer	Continues Until
B0.1	IR connection made. Battery level good.	Off	IR connection not made
B0.2	IR connection not made. Battery level good.	Off	IR connection is made.
B0.3	IR connection made. Battery level low.	1s beep followed by a 15s pause…	5 minutes after IR connection made.
B0.4	IR connection not made. Battery level low.	Off	IR connection is made.

15.		Buzzer on mode	
Status		Buzzer	Continues Until
B1.1	IR connection made. Battery level good.	Off	IR connection not made
B1.2	IR connection not made. Battery level good.	On	IR connection is made.
B1.3	IR connection made. Battery level low.	1s beep followed by a 15s pause…	5 minutes after IR connection made.
B1.4	IR connection not made. Battery level low.	On	IR connection is made.

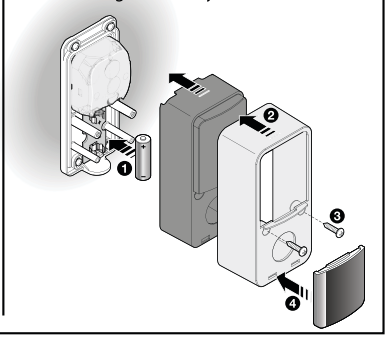
1 **01.**- Removing the covers.



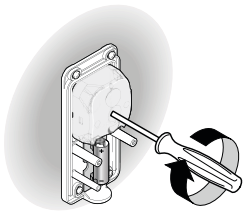
02. - Mounting holes and recommended screw sizes.



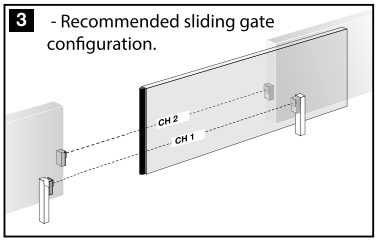
03. - Installing the battery in the transmitter.



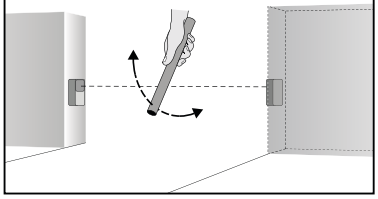
2 - Alignment fine adjust, locking screw.



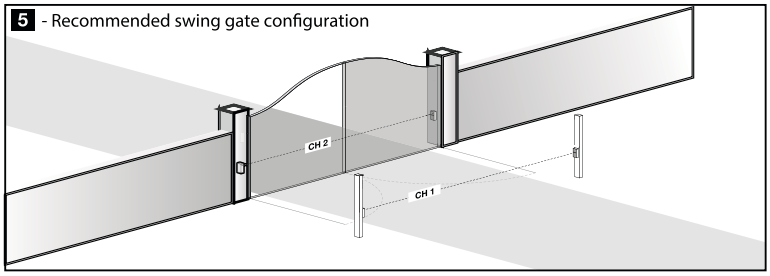
3 - Recommended sliding gate configuration.



4 - Testing the safety beam set.



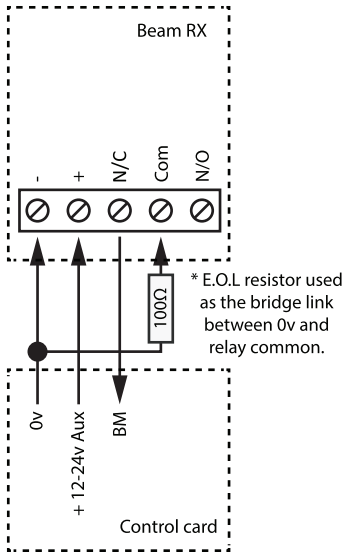
5 - Recommended swing gate configuration



Specifications		
	Receiver	Transmitter
Power Supply	10-30 Vac/dc	CR123A 3V Lithium battery. (Supplied)
Power consumption	28mA (@ 12Vdc)	< 60µA (@ 3Vbat, standard range)
Battery low indication	LED and Audible	Transmitted via infra-red to the receiver
Distance/Battery Life-Std Mode	N/A	6m / 3 Years
Distance/Battery Life-Boost Mode	N/A	12m / 1 Year
Alignment	1m² @ 10m	
Channels	2 infra-red channels	
Output contact	Potential free, N/O and N/C circuit	N/A
Output contact rating	2A @ 30Vdc non-inductive	N/A
Power failure safety	Dead-man fall out protection	
Operating temperature	-10°C / +50°C	
Degree of protection	IP44	

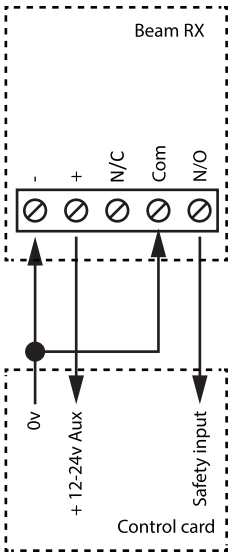
ET Nice LED Module specifications	
Power Supply	10-30 Vac/dc
Power consumption	55mA (@ 12Vdc)
Luminance	120LM Max.
Operating temperature	-10°C / +50°C
Degree of protection	IP44

6 Required wiring configuration for ET E.O.L resistor monitored BM circuit. (N/C). Fail when "High" or "Low" circuit. For example ET Drive series operators.



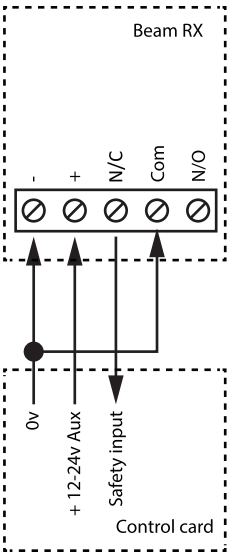
7 Recommended wiring configuration for push-to-make (N/O). Fail when "Low" circuits. For example: ET500 gate operator

(Check the operator control card instructions for the required circuit type)



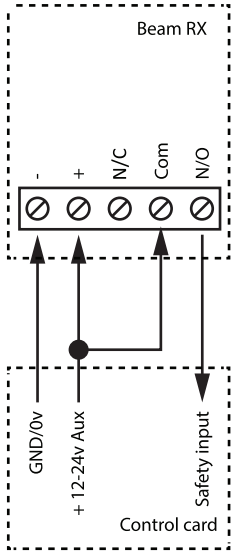
8 Recommended wiring configuration for push-to-br eak (N/C). Fail when "High" circuits. For example: ET DC Blue Advanced and Advanced Pico operators.

(Check the operator control card instructions for the required circuit type)



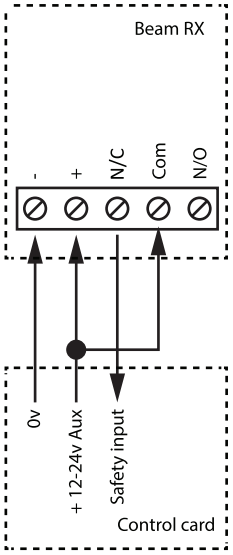
9 Recommended wiring configuration for push-to-make (N/O). Fail when "High" circuits.

(Check the operator control card instructions for the required circuit type)

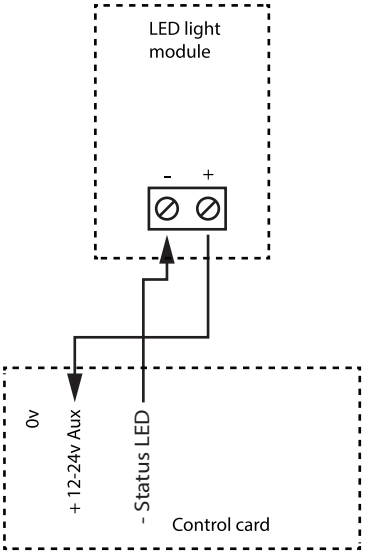


10 Recommended wiring configuration for push-to-br eak (N/C). Fail when "Low" circuits.

(Check the operator control card instructions for the required circuit type)



11 Recommended wiring configuration when using the ET Nice LED module as a gate operator status indicator with an ET Gate operator .



12 Recommended wiring configuration when using the ET Nice LED module as a courtesy light. (Check the operator control card instructions for auxiliary relay mode selection settings)