TYPHOON® 200W
CLEAR THE ROAD

**TYPHOON 200W
FULL-FUNCTION**
C-4017-2HW

**TYPHOON 200W
HANDHELD**
C-5017-2HW

MADE IN THE USA

Feniex

SAFETY REGULATIONS & WARRANTY

Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of Feniex Industries, Inc. Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- Please clean the mounting surface before installation of the unit when using tape, brackets, magnet, Velcro or suction cups.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit. Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

Warranty

Feniex Industries, Inc. warranties to the original purchaser that all our products shall be free from defects in material and workmanship. Feniex Industries' speakers, sirens, rocker panels, controllers, and illumination products are warrantied for two (2) years from the date of original sale. All Quantum® and Quantum® 2.0 products are warrantied from the date of first activation. All other products are warrantied for five (5) years from the date of original sale.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the website at www.feniex.com/support.

If the product needs to be returned for repair or replacement, call our customer support line to receive a return merchandise authorization number.

Operational times are from 9 a.m. to 6 p.m. central time, Monday through Friday. Please do not send in product without contacting support first for an RMA number.

Service After Expiration

Feniex Industries will still provide service for all products after the expiration of the warranty. In some instances it may be necessary for the product to be shipped, freight prepaid, and insured for loss or damage to Feniex headquarters.

Warning! Utilizing non-factory screws and mounting brackets may result in loss of warranty coverage.

Copyright

This instruction manual and the Feniex products described in this instruction manual may include or describe copyrighted Feniex material. Laws in the United States and other countries preserve for Feniex Industries and its licensors certain exclusive rights for copyrighted material, including the exclusive right to copy, reproduce in any form, distribute, and make derivative works of the copyrighted material. Accordingly, any copyrighted material of Feniex and its licensors contained herein or in the Feniex products described in this instruction manual may not be copied, reproduced, distributed, merged, or modified in any manner without the express written permission of Feniex Industries, Inc.

Feniex Product Copyrights

The products described in this document are the property of Feniex Industries, Inc. It is furnished by express license agreement only and may be used only in accordance with the terms of such an agreement. Products and documentation are copyrighted materials. Making unauthorized copies is prohibited by law. No part of the product or documentation may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, without prior permission from Feniex Industries, Inc.

Feniex

BOX CONTENTS
TYPHOON 200W FULL-FUNCTION

1x - Typhoon 200W Amplifier

1x - Full Function Keypad & Mic

2x - Short Arm L-Bracket

1x - Button Legend Sheet

1x - Blue Non-Coiled RJ45 Cable

2x - 16-pin Wire Harnesses

1x - 8-pin, 6-pin, & 4-pin Wire Harnesses

BOX CONTENTS
TYPHOON 200W HANDHELD

1x - Typhoon 200W Amplifier

1x - Handheld Controller

1x - Handheld Nest Mount

1x - Button Legend Sheet

1x - Blue Coiled RJ45 Cable

2x - 16-pin Wire Harnesses

1x - 8-pin, 6-pin, & 4-pin Wire Harnesses

SPECIFICATIONS
TYPHOON 200W FULL-FUNCTION

CONTROLLER	6.8" x 2.4" x 1.2"
RELAY	8" x 6.25 x 2.44"
VOLTAGE	11-16VDC
MAX CURRENT	80 Amps
AMPS PER OUTPUT	5 Amps @ 13V
EXTERNAL FUSE	125% Circuit Load
INPUTS	8 Positive
OUTPUTS	8 Grouped Outputs
BUTTONS	6 Buttons
WARRANTY	2 Years

SPECIFICATIONS
TYPHOON 200W HANDHELD

CONTROLLER	2.65" x 4.78" x 1.2"
RELAY	8" x 6.25 x 2.44"
VOLTAGE	11-16VDC
MAX CURRENT	80 Amps
AMPS PER OUTPUT	5 Amps @ 13V
EXTERNAL FUSE	125% Circuit Load
INPUTS	8 Positive
OUTPUTS	8 Grouped Outputs
BUTTONS	6 Buttons
WARRANTY	2 Years

Important! Recommended to use a power disconnect device to disconnect the system from vehicle battery. Failure to do so can deplete the vehicle's battery.

AMPS PER OUTPUT

Each output is rated at 5 amps. Combined group outputs can support up to 8 amps.

Important! Each output can supply 2 amps maximum and a combined maximum of 8 amps per block. The output will turn off when this is exceeded. If this occurs, you can tie multiple outputs together to get the desired current. Note, the total maximum current when all outputs are used cannot exceed 60 amps.

WIG WAG

1	Single Slow		7	Quad Slow
2	Single Fast		8	Quad Fast
3	Single Combo		9	Quad Combo
4	Triple Slow		10	Attack 1
5	Triple Fast		11	Attack 2
6	Triple Combo			

SIREN TONES

User settings for siren tones are stored in keypad/handheld, not in the amplifier.

1	Wail		19	Remain... Window Down - ENG & SPA
2	Yelp		20	Step Out of the Vehicle - ENG & SPA
3	Fast Yelp		21	Step Out w/ Hands Up - ENG & SPA
4	Phaser		22	Test Tone
5	Horn		23	Blank Tone 1
6	Mechanical		24	Blank Tone 2
7	Wail		25	Move Out of the Way -English
8	Hi/Lo		26	Pull Over - English
9	P-Call (Slow)		27	Remain in Your Vehicle - English
10	P-Call (Fast)		28	Remain... Window Down - English
11	Horn & Phaser		29	Step Out of the Vehicle - English
12	Horn & Yelp		30	Step Out w/ Hands Up - English
13	Phaser & Yelp		31	Move Out of the Way - English
14	Ecto Siren		32	Pull Over - ENG Only
15	Bad Boys		33	Remain in Your Vehicle - Spanish
16	Move Out of the Way - ENG & SPA		34	Remain... Window Down - Spanish
17	Pull Over - ENG & SPA		35	Step Out of the Vehicle - Spanish
18	Remain in Your Vehicle - ENG & SPA		36	Step Out w/ Hands Up - Spanish

Feniex

◢ M1 & M2 TONES
TYPHOON 200W FULL-FUNCTION

|			
1	Manual Wail	11	Remain In Your Vehicle - English
2	Ecto Siren	12	Remain... Windows Down - English
3	Move Out of the Way	13	Step Out of the Vehicle - English
4	Pull Over	14	Step Out w/ Hands Up - English
5	Remain In Your Vehicle	15	Move Out of the Way - Spanish
6	Remain... Windows Down	16	Pull Over - Spanish
7	Step Out of the Vehicle	17	Remain In Your Vehicle - Spanish
8	Step Out w/ Hands Up	18	Remain... Windows Down - Spanish
9	Move Out of the Way - English	19	Step Out of the Vehicle - Spanish
10	Pull Over - English	20	Step Out w/ Hands Up - Spanish

◢ CONFIGURATION INPUT RECORD

BUTTON	OUTPUTS	ASSIGNED TO
Button 1	Outputs 1-4/Quantum Input 1	
Button 2	Outputs 5-8/Quantum Input 2	
Button 3	Outputs 9-12/Quantum Input 3	
Button 4	Outputs 13-16/Quantum Input 4	
Button 5	Outputs 17-20/Quantum Input 5	
Button 6	Outputs 21-24/Quantum Input 6	
Input A	High Beam Override (1-8)	
Input B	Outputs 25-28	
Input C	Outputs 29-32/Siren Speaker 2	
Input D	Siren Speaker 2 Tone Select	
Input E	Air Horn/Horn-Ring	
Input F	Hands-Free	
Input G	Park Kill	
Input H	Radio Rebroadcast/ Speaker 1 Output Only	

Typhoon 200W Controllers
Instruction Manual v072325

Feniex

◢ CONFIGURATION INSTRUCTIONS
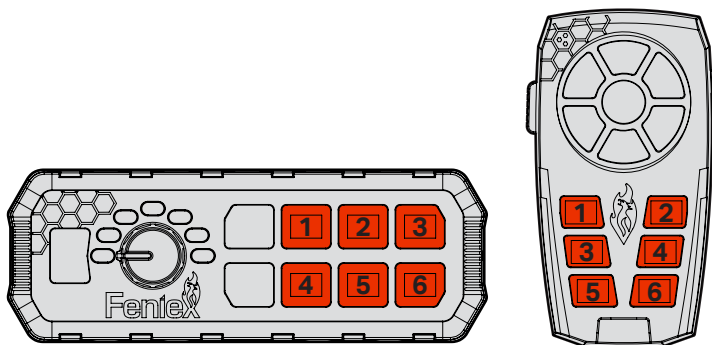
■ Buttons

1. Buttons 1 & 2 can be converted into wig wag with alternate patterns. Outputs 1-4 are combined and will alternate flash patterns with Outputs 5-8.

2. Buttons 3-6 have their own assigned outputs. A single output can handle up to 5 amps with a combined ports of 7.5 amps.

■ Inputs

1. Input A (High Beam Override): When receiving 12VDC+, Outputs 1-8 will activate and turn on.

2. Input B: Activates Outputs 25-28.

3. Input C: Activates Outputs 29-32 and Siren Speaker 2.

4. Input D (Siren Speaker 2 Tone Select): To change Siren Speaker 2, first activate Input C, then momentarily apply 12VDC+ into Input D to cycle to the desired tone.

5. Input E (Air Horn/Horn-Ring): When 12VDC+ is applied with no siren tone activated an air horn will sound out.

6. Input F (Hands-Free): When activated, use Input E to enable and disable the siren tone. Press once to activate HF and x3 to turn off. A single activation will cycle through each siren tone when HF siren is activated.

7. Input G (Park Kill): When an active siren tone is on applying 12VDC+ will silence any siren tone.

8. Input H (Radio Rebroadcast): Connect your two-way radio's external speaker for radio rebroadcast.

Feniex

◢ CONFIGURATION INSTRUCTIONS

■ Power-Up Functionality

Auto Power-Up: Keypad activates upon starting vehicle

Manual Power-Up: Keypad remains off until manually activated using power button.

Important! To use this functionality, the Red Wire must be connected to an ignition switched circuit capable of providing current for all 6 outputs and the siren amplifier.

1. Press the "On/Off" button to turn the system off.

2. Press and hold the power button for 3 seconds. A beep will sound when programmed.

3. You have now Toggled the "Auto-On" function. To reverse the functionality, repeat the steps above.
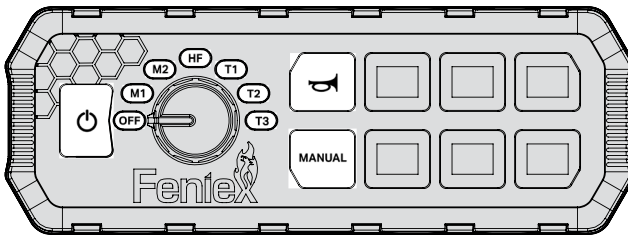
POS.	FUNCTION	ACTIVATION
OFF	Siren Off	N/A
M1	Ramp Up/Down	**Manual** [Momentary]
M2	Ramp Up/Stop	**Manual** [Momentary]
HF	Continuous	**Manual** x1 & **Manual** x2
T1	Continuous	**Manual** to switch tones
T2	Continuous	**Manual** to switch tones
T3	Continuous	**Manual** to switch tones

Feniex

◢ CONFIGURATION INSTRUCTIONS

Mic Volume   Tone Selector

Mic Volume
Tone Selector
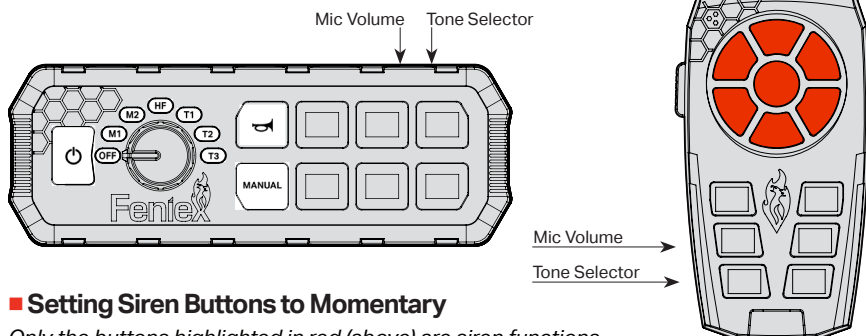
■ Setting Siren Buttons to Momentary
Only the buttons highlighted in red (above) are siren functions.
1. With the system powered off, press and hold the desired button
you wish to program as momentary.
2. Continue holding the button while holding down the "On" button until you hear a beep.
3. The button is now set as momentary. To reverse the function, repeat these steps.

■ Park Kill
Park-Kill is used to deactivate any activated standard siren tone. Park-Kill does not
deactivate audio recordings. The Park-Kill wire can be connected to your vehicle's
overhead light, door trigger, or park-signal so that the siren is disabled when the door is
opened or the vehicle is shifted to park.

■ Radio Rebroadcast & Microphone
When either Radio Rebroadcast or the Microphone is activated, any activated tone,
standard siren tone or audio recording gets deactivated.

■ Microphone Volume
To adjust the microphone volume, locate the mic volume dial (see diagram) on the side or
top of the controller. Use a small phillips-head screwdriver to adjust the volume.

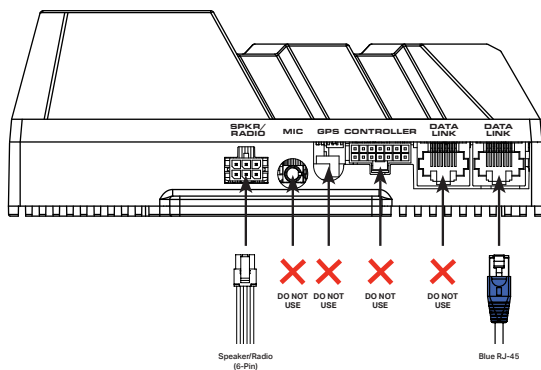### ■ Output Buttons *(Handheld model only)*
A siren tone can be assigned to any one of the 6 output buttons to enable along with your
activation outputs. To add or remove a siren tone, activate a button (1-6) and press the
Siren Tone Select Button until you reach your desired outcome.

To disable an Output Button that is activating a siren tone, keep cycling through tones
until the siren turns off.

Feniex

◤ RELAY CONNECTION PORTS
TYPHOON 200W RELAY

LEFT VIEW

SPKR/RADIO · MIC · GPS · CONTROLLER · DATA LINK · DATA LINK

DO NOT USE · DO NOT USE · DO NOT USE · DO NOT USE

Speaker/Radio (6-Pin)

Blue RJ-45

FRONT VIEW

OBD2 · OUTPUTS 1-16 · OUTPUTS 17-32 · QUAD® · QUAD®

DO NOT USE

Outputs 1-16 (16-Pin) · Outputs 17-32 (16-Pin) · Quantum® (8-Pin) · Quantum® (8-Pin)

RIGHT VIEW

INPUTS · SIREN FUSE

30

Power (4-Pin) · Inputs (8-Pin)

Typhoon 200W Controllers
Instruction Manual v072325

RELAY WIRING DIAGRAM

TYPHOON 200W FULL-FUNCTION

RADIO RE: A
RADIO RE: B

INPUTS A-H

SIREN WIRE HARNESS

INPUT WIRE HARNESS

DO NOT USE

DO NOT USE

BLUE NON-COILED RJ-45 HARNESS

OUTPUT WIRE HARNESS

OUTPUT WIRE HARNESS

QUANTUM WIRE HARNESS

QUANTUM WIRE HARNESS

DO NOT USE

QUANTUM 5-6

OUTPUTS 1-16

QUANTUM 1-4

OUTPUTS 17-32

Feniex

◢ WIRING INSTRUCTIONS

■ Typhoon 200W Full-Function

1. Locate the **Non-Coiled Blue to Clear RJ-45 cable** *(see Fig. 4)*.

2. Plug the **Clear RJ-45** connector into the rear RJ-45 port on the **Typhoon Full-Function controller** *(see Fig. 5)*. Make sure it clicks securely into place.

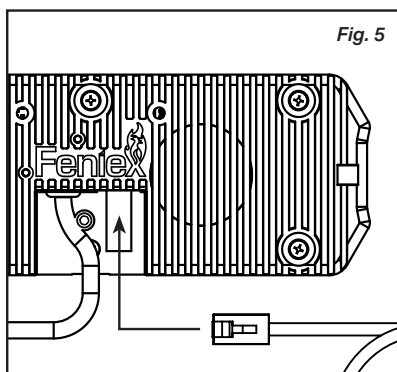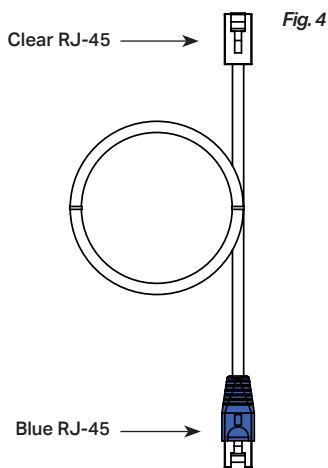**3.** Plug the **Blue RJ-45 connector** into the second port labeled "Data Link" on the **Typhoon 200W relay** *(see Fig. 6)*. Make sure it clicks securely into place.

4. Verify that both ends of the cable are firmly connected to ensure proper communication between the controller and the relay.

Clear RJ-45 →

Fig. 4

Blue RJ-45 →

Fig. 5

Full-Function Rear View

Fig. 6

Relay Left View

MIC   GPS CONTROLLER   DATA LINK   DATA LINK

RELAY WIRING DIAGRAM

TYPHOON 200W HANDHELD

RADIO RE: A

RADIO RE: B

INPUTS A-H

SIREN WIRE HARNESS

INPUT WIRE HARNESS

DO NOT USE

DO NOT USE

BLUE COILED RJ-45 HARNESS

OUTPUT WIRE HARNESS

OUTPUT WIRE HARNESS

QUANTUM WIRE HARNESS

QUANTUM WIRE HARNESS

DO NOT USE

QUANTUM 5-6

OUTPUTS 1-16

QUANTUM 1-4

OUTPUTS 17-32

Feniex
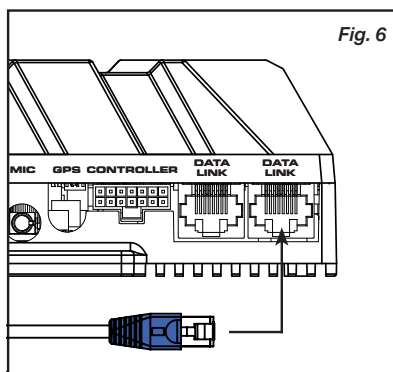
◢ WIRING INSTRUCTIONS

■ Typhoon 200W Handheld

1. Locate the **Coiled Blue to Black RJ-45 cable** *(see Fig. 7)*.

2. Plug the **Black RJ-45** connector into the rear RJ-45 port on the **Typhoon Handheld controller** *(see Fig. 8)*. Make sure it clicks securely into place.

3. Plug the **Blue RJ-45 connector** into the second port labeled "Data Link" on the **Typhoon 200W relay** *(see Fig. 9)*. Make sure it clicks securely into place.

4. Verify that both ends of the cable are firmly connected to ensure proper communication between the controller and the relay.

Black RJ-45 → *Fig. 7*
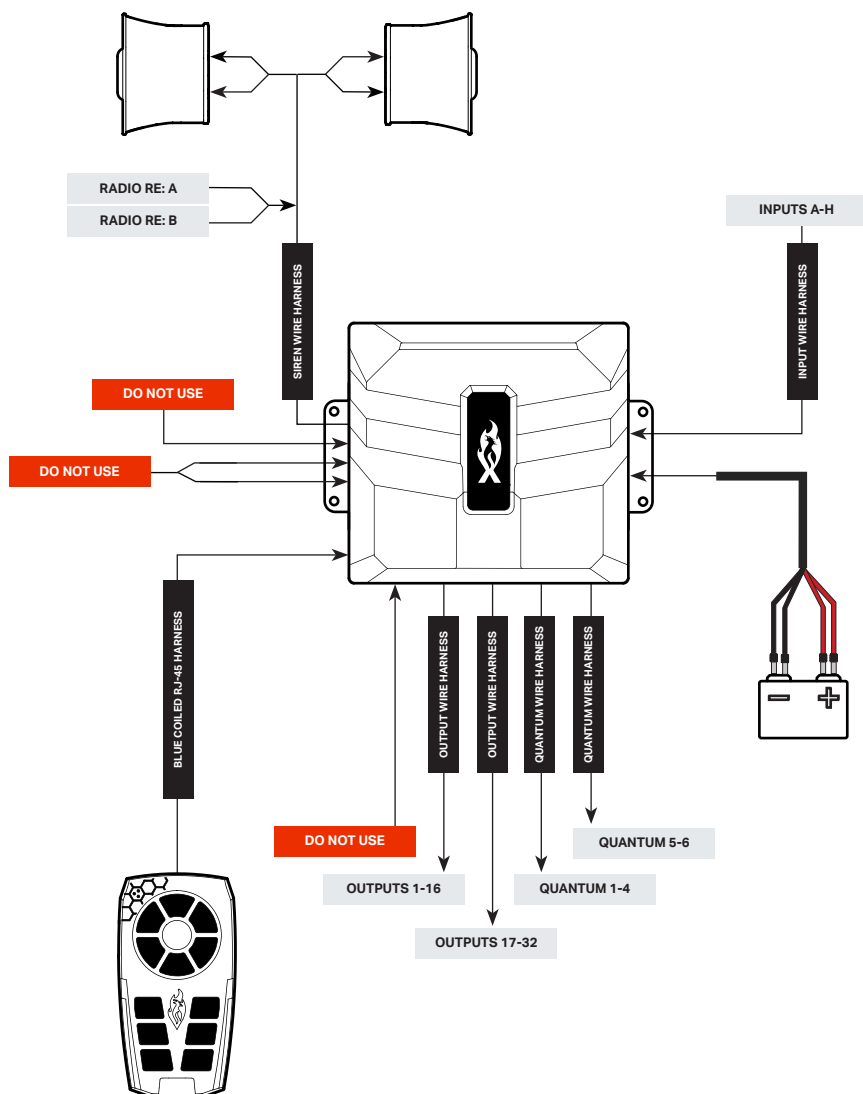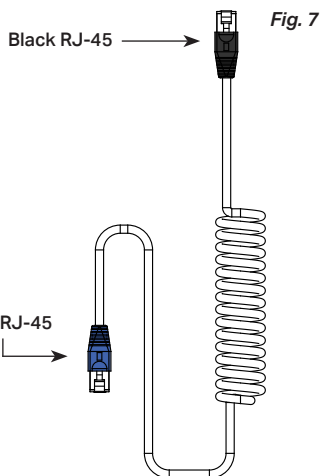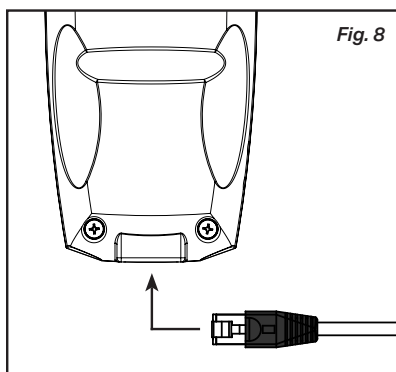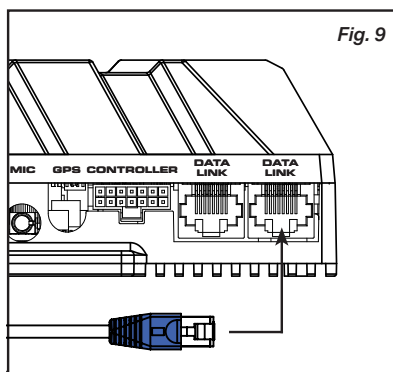
Blue RJ-45 →

Fig. 8

Handheld Rear View

Fig. 9

MIC   GPS CONTROLLER   DATA LINK   DATA LINK

Relay Left View

Feniex

OUTPUTS 1-16 WIRING GUIDE

16-PIN WIRING HARNESS

WIRE SIDE (REAR)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

1. Red ——————— Output 1
2. Black ————— Output 2
3. Green ——————— Output 3
4. White ——————— Output 4
5. Grey ——————— Output 5
6. Brown ——————— Output 6
7. Yellow ——————— Output 7
8. Blue ——————— Output 8

16. Red/White ——— Output 16
15. Black/Grey ——— Output 15
14. Green/Grey ——— Output 14
13. Black/White ——— Output 13
12. White/Grey ——— Output 12
11. Brown/White ——— Output 11
10. Yellow/Black ——— Output 10
9. Blue/White ——— Output 9
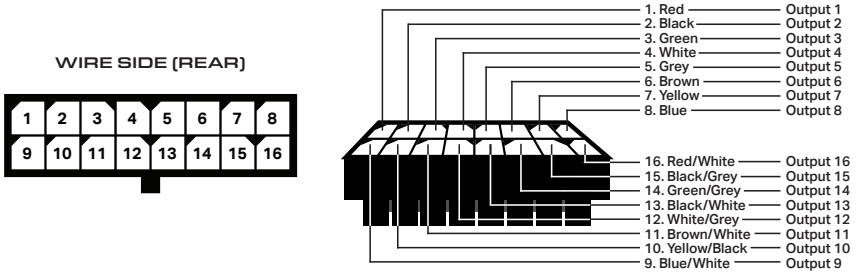
POS.	WIRE FUNCTION	COLOR	GAUGE
1	12V+, Output 1	Red	18G
2	12V+, Output 2	Black	18G
3	12V+, Output 3	Green	18G
4	12V+, Output 4	White	18G
5	12V+, Output 5	Grey	18G
6	12V+, Output 6	Brown	18G
7	12V+, Output 7	Yellow	18G
8	12V+, Output 8	Blue	18G
9	12V+, Output 9	Blue/White	18G
10	12V+, Output 10	Yellow/Black	18G
11	12V+, Output 11	Brown/White	18G
12	12V+, Output 12	White/Grey	18G
13	12V+, Output 13	Black/White	18G
14	12V+, Output 14	Green/Grey	18G
15	12V+, Output 15	Black/Grey	18G
16	12V+, Output 16	Red/White	18G

Feniex

OUTPUTS 17-32 WIRING GUIDE
16-PIN WIRING HARNESS

WIRE SIDE (REAR)

17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32

17. Red ———— Output 17
18. Black ———— Output 18
19. Green ———— Output 19
20. White ———— Output 20
21. Grey ———— Output 21
22. Brown ———— Output 22
23. Yellow ———— Output 23
24. Blue ———— Output 24

32. Red/White ———— Output 32
31. Black/Grey ———— Output 31
30. Green/Grey ———— Output 30
29. Black/White ———— Output 29
28. White/Grey ———— Output 28
27. Brown/White ———— Output 27
26. Yellow/Black ———— Output 26
25. Blue/White ———— Output 25
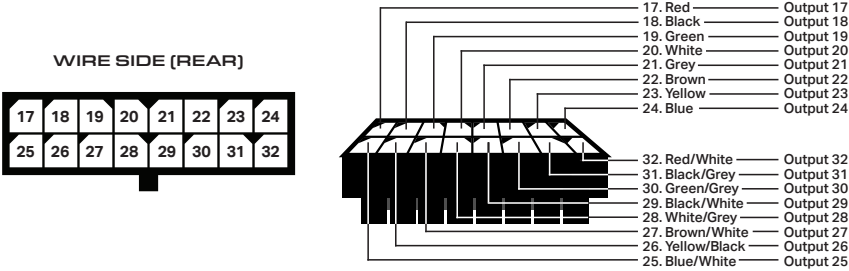
POS.	WIRE FUNCTION	COLOR	GAUGE
17	12V+, Output 17	Red	18G
18	12V+, Output 18	Black	18G
19	12V+, Output 19	Green	18G
20	12V+, Output 20	White	18G
21	12V+, Output 21	Grey	18G
22	12V+, Output 22	Brown	18G
23	12V+, Output 23	Yellow	18G
24	12V+, Output 24	Blue	18G
25	12V+, Output 25	Blue/White	18G
26	12V+, Output 26	Yellow/Black	18G
27	12V+, Output 27	Brown/White	18G
28	12V+, Output 28	White/Grey	18G
29	12V+, Output 29	Black/White	18G
30	12V+, Output 30	Green/Grey	18G
31	12V+, Output 31	Black/Grey	18G
32	12V+, Output 32	Red/White	18G

Feniex

INPUTS 1-8 WIRING GUIDE

8-PIN WIRING HARNESS

WIRE SIDE (REAR)

1	2	3	4
5	6	7	8

1. Yellow — Input A
2. Brown — Input B
3. White — Input C
4. Blue — Input D

8. Red — Input H
7. Grey — Input G
6. Orange — Input F
5. Green — Input E
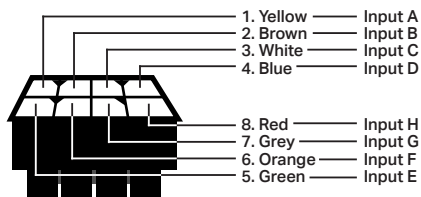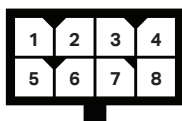
POS.	WIRE FUNCTION	COLOR	GAUGE
1	12V+, Input A	Yellow	18G
2	12V+, Input B	Brown	18G
3	12V+, Input C	White	18G
4	12V+, Input D	Blue	18G
5	12V+, Input E	Green	18G
6	12V+, Input F	Orange	18G
7	12V+, Input G	Grey	18G
8	12V+, Input H	Red	18G

SPEAKER/RADIO WIRING GUIDE

6-PIN WIRING HARNESS

WIRE SIDE (REAR)

1	2	3
4	5	6

1. Blue — Speaker 1 (+)
2. Blue — Speaker 2 (+)
3. Green — Radio Rebroadcast (+)

6. Red — Radio Rebroadcast (-)
5. Brown — Speaker 2 (-)
4. Brown — Speaker 1 (-)
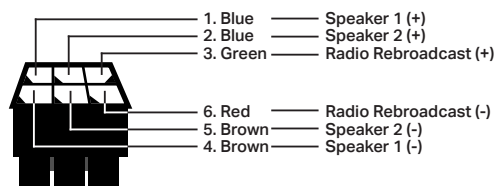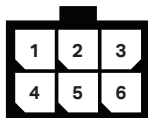
POS.	WIRE FUNCTION	COLOR	GAUGE
1	Speaker 1 (+)	Blue	18G
2	Speaker 2 (+)	Blue	18G
3	Radio Rebroadcast (+)	Green	18G
4	Speaker 1 (-)	Brown	18G
5	Speaker 2 (-)	Brown	18G
6	Radio Rebroadcast (-)	Red	18G

Feniex

◢ SERIAL WIRING GUIDE
8-PIN DATA WIRE HARNESS 1

Connect a maximum of 6 serial Quantum® products per pair of white & green serial channels. The white and green wire pairs must not be split or used separately. For example, a product wired to 1 for white must use 5 for green. You cannot use 1 for white and 6 for green.

WIRE SIDE (REAR)

| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

1. White —— Channel 1 - Y
2. White —— Channel 2 - Y
3. White —— Channel 3 - Y
4. White —— Channel 4 - Y

8. Green —— Channel 4 - Z
7. Green —— Channel 3 - Z
6. Green —— Channel 2 - Z
5. Green —— Channel 1 - Z
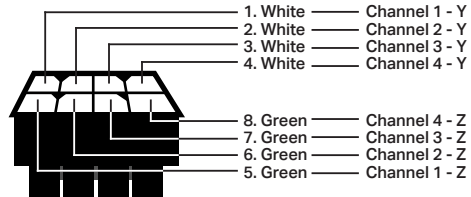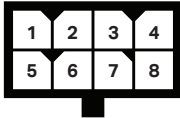
POS.	WIRE FUNCTION	COLOR	GAUGE
1	Channel 1 - Y	White	24G
2	Channel 2 - Y	White	24G
3	Channel 3 - Y	White	24G
4	Channel 4 - Y	White	24G
5	Channel 1 - Z	Green	24G
6	Channel 2 - Z	Green	24G
7	Channel 3 - Z	Green	24G
8	Channel 4 - Z	Green	24G

Feniex

◢ SERIAL WIRING GUIDE

8-PIN DATA WIRE HARNESS 2

Connect a maximum of 6 serial Quantum® products per pair of white & green serial channels. The white and green wire pairs must not be split or used separately. For example, a product wired to 1 for white must use 5 for green. You cannot use 1 for white and 6 for green.
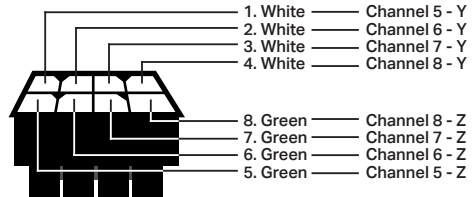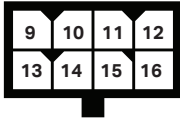
WIRE SIDE (REAR)

```
9   10  11  12
13  14  15  16
```

1. White ——— Channel 5 - Y
2. White ——— Channel 6 - Y
3. White ——— Channel 7 - Y
4. White ——— Channel 8 - Y

8. Green ——— Channel 8 - Z
7. Green ——— Channel 7 - Z
6. Green ——— Channel 6 - Z
5. Green ——— Channel 5 - Z

POS.	WIRE FUNCTION	COLOR	GAUGE
9	Channel 5 - Y	White	24G
10	Channel 6 - Y	White	24G
11	Channel 7 - Y	White	24G
12	Channel 8 - Y	White	24G
13	Channel 5 - Z	Green	24G
14	Channel 6 - Z	Green	24G
15	Channel 7 - Z	Green	24G
16	Channel 8 - Z	Green	24G

Feniex

◢ MOUNTING INSTRUCTIONS

■ Typhoon Handheld Mounting

Important! Make sure not to damage any vital parts of the vehicle or mounting surface. Do NOT mount anywhere that interferes with the vehicle air bag coverage.

1. Place the Handheld nest against the intended mounting surface.

2. Mark the areas where the mounting holes will be drilled. Ifthe mounting surface is part of the vehicle, make sure no vital components could be damaged by the drilling process.

3. Drill two 0.16" mounting holes on the mounting surface, making sure no vital components of the surface are damaged.

4. Using customer provided screws, secure the Typhoon Siren to the mounting surface.

5. Place the Typhoon Handheld Controller into the clip to hold the unit when not in use.

1 ¾"

0.16"

Feniex
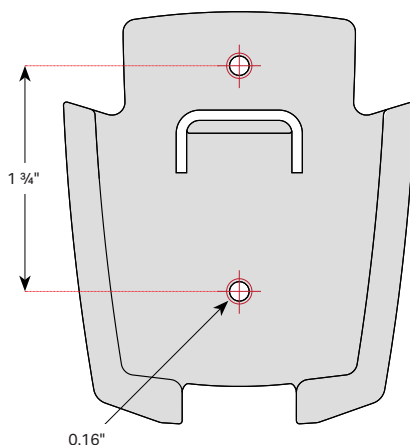
◢ MOUNTING INSTRUCTIONS

■ Mounting Swivel Bracket

1. Secure the Swivel Ball to the base of the controller using the #10-32 screw.

2. Attach the swivel ball to the swivel bracket base using the provided screw.

3. Using the provided screw, secure the two clamps loosely together.

4. Place the clamps and screw around the 2 swivel balls. Tighten the clamp screw, thereby attaching the swivel bracket base to the full function controller.

5. Secure the Swivel Bracket to the rear of the controller (as shown in the diagram).

6. Place the unit against the intended mounting surface.

7. Mark the areas where the mounting holes will be drilled. If the mounting surface is part of the vehicle, make sure no vital components could be damaged by the drilling process.

8. Drill two mounting holes on the mounting surface, making sure no vital components of the surface are damaged.

9. Using customer provided screws, secure the Full Function controller to the mounting surface.

■ Mounting L-Bracket

1. Utilizing the provided screws, secure the L-Brackets to each sides of the controller using a Phillips head screwdriver at a torque setting of 1 in*lb.

2. Place the unit against the intended mounting surface and mark the areas where the mounting holes will be drilled. If the mounting surface is part of the vehicle, make sure no vital components could be damaged by the drilling process.

#8-32