

Motorcycle Package User Manual

FX6D Warning Lighthouse / B16 Beacon / SAS32R Siren System / Handlebar Switch

WIRE COLOUR & OPERATION

FX6D Warning Lighthouse	
BLACK	To Chassis Ground
WHITE	To +VDC for Cruise Mode (Fuse Rating: 1A) Steady-burn Cruise Mode in Colour 2
RED	To +VDC for Warning Mode 1 (Fuse Rating: 1A) Double [2Hz] Flash in Colour 2
GREEN	To +VDC for Warning Mode 2 (Fuse Rating: 1A) Single Flash in Colour 1
RED + GREEN	To +VDC for Warning Mode 3 (Fuse Rating: 1A) Double [2Hz] Flash in Colour 2 alternating Single Flash in Colour 1
YELLOW	For Synchronization Connect YELLOW wire of all lighthouses together for synchronization. (All lighthouses should be set to the same Flash Pattern)

NOTE: Order of Precedence: Warning Mode3 > Mode2 = Mode1 > Cruise Mode

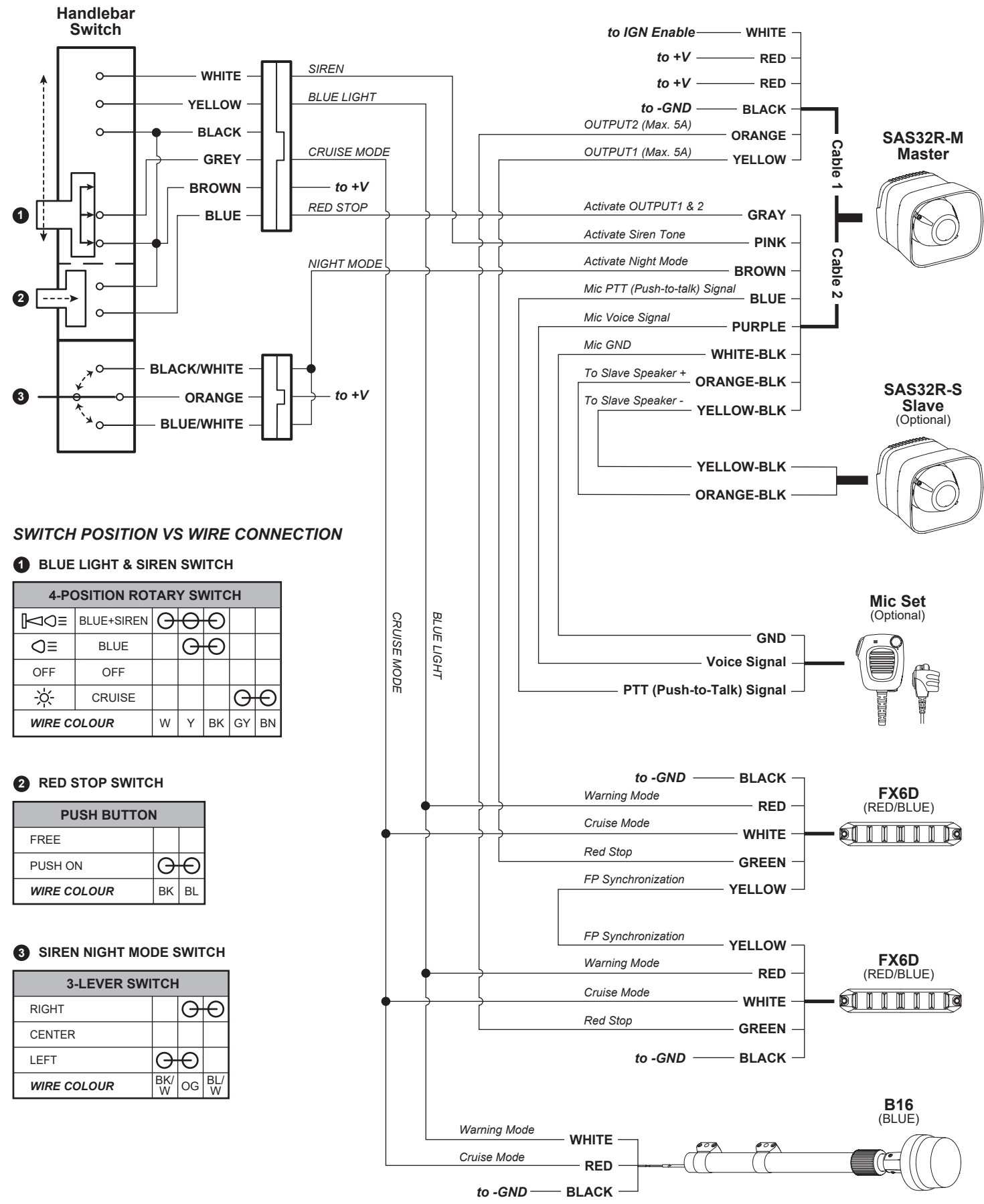
B16 Beacon	
BLACK	To Chassis Ground
WHITE	To +VDC for Warning Mode (fuse @ 5A) Double [2Hz] Flash
RED	To +VDC for Cruise Mode (fuse @ 5A)

NOTE: Order of Precedence: Warning Mode > Cruise Mode

SAS32R (Master)	Cable 1 (Power & Light Output)
BLACK	To Chassis Ground
RED	To +VDC (Fuse Rating: 20A @ 13.6VDC)
RED	To +VDC (Fuse Rating: 20A @ 13.6VDC)
WHITE	IGN Enable connect to a positive circuit controlled by the vehicle ignition switch to allow the siren amplifier to be turned ON&OFF together.
YELLOW	Light Output #1 (Max Output Amperage @ 5A)
ORANGE	Light Output #2 (Max Output Amperage @ 5A)
	Cable 2 (Switch, Mic & Slave Unit Signal)
GREY	To a +VDC Switch (Momentary) <i>If the Siren tone is not active:</i> - Short Press once for Light Output #1 & #2 ON/OFF <i>If the Siren tone is active:</i> - Long Press once for Light Output #1 & #2 ON/OFF - Short Press once for Siren Tone change (if applicable)
PINK	To a +VDC Switch (Latched) Press and HOLD to activate Siren Tone (Day Mode)
BROWN	To a +VDC Switch (Latched) <i>If the Siren tone is active:</i> - Press and HOLD for Night Mode
BLUE	Mic PTT (Push-to-talk) Signal
PURPLE	Mic Voice Signal
WHITE-BLK	Mic GND
ORANGE-BLK	To Slave Speaker +
YELLOW-BLK	To Slave Speaker -

SAS32R (Slave)	
ORANGE-BLK	To Master Speaker +
YELLOW-BLK	To Master Speaker -

WIRING DIAGRAM



SWITCH POSITION VS WIRE CONNECTION

1 BLUE LIGHT & SIREN SWITCH

4-POSITION ROTARY SWITCH					
	BLUE+SIREN				
	BLUE				
OFF	OFF				
	CRUISE				
WIRE COLOUR		W	Y	BK	GY BN

2 RED STOP SWITCH

PUSH BUTTON		
FREE		
PUSH ON		
WIRE COLOUR	BK	BL

3 SIREN NIGHT MODE SWITCH

3-LEVER SWITCH			
RIGHT			
CENTER			
LEFT			
WIRE COLOUR	BK/W	OG	BL/W