

Avenger™ Series

SELF-CONTAINED LINEAR Super-LED® DASH/DECK WARNING SIGNALS



AVNCV9BR
Straddles Ford Crown Vic
3rd brake light



Officially Licensed
Warning Lights of
NASCAR®



AVNS1A



AVN2BR

AVN Models
can turn On/Off and
select flash patterns
switch on the cigar plug.

Designed with a more sleek look than its predecessor, the Avenger is still a compact little light with a big attitude! Avenger packs full-size Super-LED power that rivals strobe in intensity. This is serious warning protection in a small package that's easy to mount or transfer from vehicle to vehicle.

FEATURES (All Models)

- Small size and clear outer lenses make Avenger barely detectable until powered on.
- Single, dual or split module, Linear Super-LEDs.
- Lightweight and sturdy. Rated for 100,000 hours of operation.
- Polycarbonate assembly is safer than metal in the event of an accident or airbag deployment.



Available in red, amber, blue, and clear

Form#AVN0909

AVN Models

- Standard swivel/bail bracket with three suction cups.
- Snap-on polycarbonate hood secures with two screws, minimizing flashback to the driver.
- Multiple Scan-Lock™ flash patterns. 27 patterns on single unit and 34 patterns on dual.
- Ten foot straight cord with cigar plug with switches for On/Off function and Scan-Lock™ flash pattern control.

AVNS Synchronized Models

- Standard swivel/bail bracket with three suction cups.
- Snap-on polycarbonate hood secures with two screws, minimizing flashback to the driver.
- Synchronized models for unified warning lighting on your vehicle.
- Multiple Scan-Lock flash patterns. 54 patterns on single unit and 69 patterns on dual.
- Phase I and Phase 2 for alternate and simultaneous flashing.
- Standard 4-wire pigtail.

AVNCV Models

- Includes two Linear Super-LEDs modules.
- Straddles 3rd brake light with two Linear-LED® lighthoods in molded polycarbonate housing for 2005-2010 Ford Crown Victoria.
- External low power control.
- 14 Scan-Lock™ flash patterns with simultaneous, alternating and cycle flash patterns featuring SignalAlert™, CometFlash®, DoubleFlash and SingleFlash with SteadyFlash and Steady-Burn (3 phases per pattern).
- Supplied with 4-wire pigtail.



Whelen products
are proudly made
in the U.S.A.

WHELEN®
Engineers for the Emergency Warning Industry

AVENGER™ SERIES - SUPER-LED® DASH/DECK WARNING SIGNALS

Avenger™ Series Specifications

MODELS

AVN Cigar Plug Models:

- AVN1* Solid color, single module, red, blue, amber or white
- AVN1J Split color red/blue
- AVN1D Split color red/white
- AVN2** Solid color, dual module, red, blue, amber or white

AVNS Synchronized Models with Pigtail Wire:

- AVNS1* Solid color, single module, red, blue, amber or white
- AVNS2** Solid color, dual module, red, blue, amber or white

AVNCV9 Rear Deck Models:

- AVNCV9** Solid Red, Blue, and/or Amber.
- AVNCV92M Split color, 1 blue/blue, 1 blue/amber
- AVNCV9JJ Split color, 2 red/blue
- AVNCV9JK Split color, 1 red/blue, 1 red/amber
- AVNCV9DD Split color, 2 red/white
- AVNCV9KK Split color, 2 red/amber

* Replace symbol in model number with letter indicating choice of color:
A = Amber, **B** = Blue, **R** = Red, **C** = Clear/White.

OPTIONS (for AVN/AVNS)

- AVNBKT1 Low profile mounting (headliner) bracket for AVN1 Series
- AVNBKT2 Low profile mounting (headliner) bracket for AVN2 Series.
- AVNBKT3 Visor mounting bracket, each (2 required for dual unit).
- AVNBKT4 Adjustable height bracket kit.
- AVNBKT5 Headliner mounting bracket for 2003-2010 Ford Crown Victoria.

DIMENSIONS

- Single Unit without shroud: 1-3/4" (44mm) H x 2-1/4" (57mm) D x 5" (127mm) L.
- Single Unit with shroud: 2" (50mm) H x 5-1/2" (140mm) D x 5" (127mm) L.
- Dual Unit without shroud: 1-3/4" (44mm) H x 2-1/4" (57mm) D x 9-3/4" (248mm) L.
- Dual Unit with shroud: 2" (50mm) H x 5-1/2" (140mm) D x 9-3/4" (248mm) L.
- Height with adjustable mounting bracket for all models is 3" (76mm) to 5" (127mm).
- AVNCV9: 2-21/32" (67mm) H x 5-29/32" (150mm) D x 19-11/16" (500mm) L.

FLASH PATTERNS

AVN1 Single

Pattern	CAL
SignalAlert™ 75	-
CometFlash® 75	-
DoubleFlash 75	yes
SingleFlash 75	yes
ComAlert™ 75	-
LongBurst™ 75	-
PingPong™ 75	yes
SingleFlash 60	yes
SingleFlash 90	yes
SingleFlash 120	yes
SingleFlash 300	-
DoubleFlash 150	-
ComAlert 150	-
ActionFlash™ 50	-
ActionFlash 150	-
ModuFlash™	-
DoubleFlash 120	yes
PingPong 120	yes
TripleFlash™ 75	yes
TripleFlash 120	yes
SignalAlert™ CAL	yes
Action SF 60/120	yes
Action SF 60/TF 120	yes
CalScan™	yes
ActionScan™	-
SignalAlert Steady	-
Steady	yes

AVNS1 Synchronized Single

Pattern	CAL	Sync	Phases
SignalAlert 75	-	yes	1 & 2
CometFlash 75	-	yes	1 & 2
DoubleFlash 75	yes	yes	1 & 2
SingleFlash 75	yes	yes	1 & 2
ComAlert 75	-	yes	1 & 2
LongBurst 75	-	yes	1 & 2
PingPong 75	yes	yes	1 & 2
SingleFlash 60	yes	-	1
SingleFlash 90	yes	-	1
SingleFlash 120	yes	-	1
SingleFlash 300	-	-	1
DoubleFlash 150	-	-	1
ComAlert 150	-	-	1
ActionFlash 50	-	-	1
ActionFlash 150	-	-	1
ModuFlash	-	-	1
DoubleFlash 120	yes	-	1
PingPong 120	yes	-	1
TripleFlash 75	yes	-	1
TripleFlash 120	yes	-	1
SignalAlert CAL	yes	-	1
Action SF 60/120	yes	-	1
Action SF 60/TF 120	yes	-	1
CalScan	yes	-	1
ActionScan	-	-	1
SignalAlert Steady	-	-	1
Steady	yes	-	1

AVN2 Dual & AVNCV9 Rear Deck

Pattern	CAL
SignalAlert 75	-
CometFlash 75	-
DoubleFlash 75	yes
SingleFlash 75	yes
ComAlert 75	-
LongBurst 75	-
PingPong 75	yes
SSNF 75	-
SingleFlash 60	yes
SingleFlash 90	yes
SingleFlash 120	yes
SingleFlash 300	-
DoubleFlash 150	-
ComAlert 150	-
ActionFlash 50	-
ActionFlash 150	-
ModuFlash	-
DoubleFlash 120	yes
PingPong 120	yes
TripleFlash 75	yes
TripleFlash 120	yes
SignalAlert CAL	yes
Action SF 60/120	yes
Action SF 60/TF 120	yes
CalScan	yes
ActionScan	-
SteadyFlash 60	yes
SteadyFlash 75	yes
SteadyFlash 90	yes
SteadyFlash 120	yes
Steady & Steady	yes

AVNS2 Synchronized Dual

Pattern	CAL	Sync	Seq.
SignalAlert 75	-	yes	4
CometFlash 75	-	yes	4
DoubleFlash 75	yes	yes	4
SingleFlash 75	yes	yes	4
ComAlert 75	-	yes	4
LongBurst 75	-	yes	4
PingPong 75	yes	yes	4
SSNF	-	yes	2
SingleFlash 60	yes	-	2
SingleFlash 90	yes	-	2
SingleFlash 120	yes	-	2
SingleFlash 300	-	-	2
DoubleFlash 150	-	-	2
ComAlert 150	-	-	2
ActionFlash 50	-	-	2
ActionFlash 150	-	-	2
ModuFlash	-	-	2
DoubleFlash 120	yes	-	2
PingPong 120	yes	-	2
TripleFlash 75	yes	-	2
TripleFlash 120	yes	-	2
SignalAlert CAL	yes	-	2
Action SF 60/120	yes	-	2
Action SF 60/TF 120	yes	-	2
CalScan	yes	-	1
ActionScan	-	-	1
SteadyFlash 60	yes	-	1
SteadyFlash 75	yes	-	1
SteadyFlash 90	yes	-	1
SteadyFlash 120	yes	-	1
Steady & Steady	yes	-	1

Note: CAL = California Title 13



51 Winthrop Road
 Chester, Connecticut 06412-0684
 (860) 526-9504 • Fax: (860) 526-4078
 www.whelen.com



Whelen Engineering reserves the right to upgrade and improve products without notice.