

**NEW** PRODUCT!

# Avenger™ Series

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



AVN2BR

AVNS1A

AVN Models can turn On/Off and select flash patterns from cigar plug.

**NEW design 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.
- Standard swivel/bail bracket with three suction cups.
- Snap-on polycarbonate hood secures with two screws, minimizing flashback to the driver.
- 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.

## AVN Models

- Multiple Scan-Lock™ flash patterns. 27 patterns on single unit and 34 patterns on dual.
- Split LED models available.
- Ten foot straight cord with cigar plug with switches for On/Off function and Scan-Lock™ flash pattern control.

## AVNS Synchronized Models

- 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 1 and Phase 2 for alternate and simultaneous flashing.
- Standard 4-wire pigtails.



Available in red, amber, blue, and clear

Form#AVN0508



Whelen Products  
are Proudly  
Designed & Manufactured  
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

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

## OPTIONS

- 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, for all Avengers.
- AVNBKT5 ..... Headliner Mounting Bracket for 2003-2008 Ford Crown Victoria (All Avengers).

## 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).

## 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

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.