

*SW-1*

*SW-1.2*

*SW-2.2*



**SW-1**, This 15 inch concentric design is a superior foldback monitor. Since the SW-1 does not contain a separate high frequency device, it has a smaller footprint and lower profile. The result is a very compact stage monitor.

Concentric speaker design combined with the ideal phase response produced by Time Offset Correction (TOC™) and equalization makes the SW-1 a high definition monitor and allows much higher gain before feedback.

The SW-1 features:

- Concentric 15" loudspeaker.
- Extended high frequency 1" compression driver.
- Passive dividing network with Time Offset Correction (TOC™) and equalization.
- Baltic birch cabinet construction.
- Foam backed steel grille.
- Recessed handles.
- Pole mount.
- Compact enclosure for improved sight lines.

#### **SW-1 Specifications:**

*Frequency Response: 55 to 16kHz*

*Power Rating: \*300 watts*

*Nominal Impedance: 8 ohms*

*Sensitivity (1w/1m): 99 dB*

*Maximum SPL: 124 dB @ 1meter  
(@ rated power)*

*Nominal Coverage Angles:*

*40° H x 60° V, above 2 kHz*

*Crossover Frequency: 1.2 kHz*

*L.F. Driver: CX-1580C*

*H.F. Driver: DE 45/8*

*Input Connectors: 2 x NL4*

*Dimensions:*

*21.25" H x 17.25" W x 15.25" D*

*Weight: 57 lbs*

**SW-1.2**, The SW-1.2 uses a 2 inch compression driver. The higher sensitivity and greater power handling of this driver results in 9 dB more high frequency headroom than systems with 1 inch drivers. This combined with much higher gain before feedback that ideal phase response produces have made the SW-1.2 our most popular stage monitor.

The precision passive dividing network with TOC™ and equalization reduce the need for additional equalizers. This can result in considerable savings where equipment budgets are limited.

The SW-1.2 features are similar to SW-1 with these differences.

- Concentric 4" voice coil 15" loud speaker.
- Extended high frequency 2" compression driver.

#### **SW-1.2 Specifications:**

*Frequency Response: 55 to 16kHz*

*Power Rating: \*400 watts*

*Nominal Impedance: 8 ohm*

*Sensitivity (1w/1m): 100 db*

*Maximum SPL: 125 dB @ 1meter  
(@ rated power)*

*Nominal Coverage Angles:*

*40° H x 60° V, above 2 kHz*

*Crossover Frequency: 1.2 kHz*

*L.F. Driver: CXL-2580C*

*H.F. Driver: DE 750/8*

*Input Connectors: 2 x NL4*

*Dimensions:*

*21.25" H x 17.25" W x 15.25" D*

*Weight: 71 lbs*

**SW-2.2**, When maximum reliability and SPL is required, the SW-2.2 is the choice. Used with the TOC™ S2 processor, the SW-2.2 contains the same components as the SW-1.2 (minus the passive network) and gets the greatest performance out of them.

The TOC™ S2 processor contains: four pole linear phase dividing filters, precise equalization, Time Offset Correction (TOC™) and limiters.

The SW-2.2 features are similar to SW-1.2 with this difference.

- Contains no passive dividing network since the system is intended to be biamplified.

#### **SW-2.2 Specifications:**

*Frequency Response: 55 to 16kHz*

*Power Rating: LF: 400 watts*

*HF: 100 watts*

*Nominal Impedance: LF: 8 ohms*

*HF: 8 ohms*

*Sensitivity (1w/1m): 100 dB*

*Maximum SPL: 126 dB @ 1meter  
(@ rated power)*

*Nominal Coverage Angles:*

*40° H x 60° V, above 2 kHz*

*Crossover Frequency: 1.2 kHz*

*L.F. Driver: CXL-2580C*

*H.F. Driver: DE 750/8*

*Input Connectors: 2 x NL4*

*Dimensions:*

*21.25" H x 17.25" W x 15.25" D*

*Weight: 65 lbs*

*Due to limitations of the passive dividing networks the long term average power rating of the SW-1 and SW-1.2 is limited to 200 watts (40 volts into 8 ohms). This in no way affects their transient capabilities. PAS recommends amplifiers that produce at least twice this power (400 watts into 8 ohms) for these cabinets. Since the SW-2.2 does not contain a dividing network, it does not have this limitation.*

