

## INSTRUMENT SPEAKERS

### ALSO AVAILABLE: VALVES

WES Components have been a source of general replacement valves for the repairman for decades. Some old and popular tubes have remained in stock for radio restorers, hobbyists, etc. Check for substitutions as our range covers most general purpose tubes. **eq\* (equivalent) are suggestions only.**

### NEW VALVES WITH NEW TECHNOLOGY

Glasnost has re-invigorated the valve industry! A new range of tubes have arrived from Russia and claim to rival Mullards and better the classics of old! New materials and technology make these new valves the best in the world! Ever! Tube technology enters the new millennium.

**SOVTEK & ELECTRO-HARMONIX**, labels may change depending on stock, are our new range of tubes and will suit both audiophile and musician applications for use in HiFi and Guitar Amps, etc. The valve types and models we have chosen to stock offer both reliability and sonic purity in the one tube. Some of the popular valves are available in different series (see suffix), this is also to offer our discerning eared customers a choice in tone.

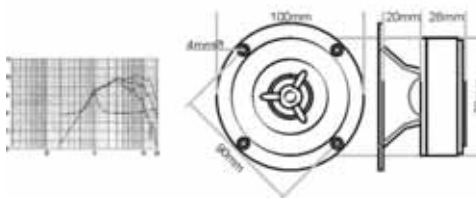


SEE SECTION ONE!

## TWEETER 1"/100mmØ HORN LOADED

Primarily for high performance sound re-inforcement like halls, cinema and stage, or even larger homes as this is a premium quality tweeter. The horn loading offers increased sensitivity for highly efficient, high output designs. Same 1" soft dome tweeter as the other high end Peerless tweeters, but with a horn baffle directing the sound forward giving about +6dB 15° on-axis. Excellent for long throw applications. Although not as robust as Piezo-ceramics, this unit is beautiful in sound. The higher the crossover point, the more power the system will withstand.

P/No. 100 HDT 26 72 SF  
Pwr 100Wmax (3K-20KHz)  
Coil 26mmØ  
Mag 72mmØ  
Zo 8Ω (6.8Ωdc)  
Fs 1040Hz  
Sens' 99.5dBm !!!  
P811647



## SPEAKER BOX 10" PROFESSIONAL PA

### IMPULSE-10 2-WAY PORTABLE INSTRUMENT SPEAKER

Complete, Ready to go, speaker system for use as sound reinforcement applications with voice or instruments, etc. Designed for easy transporting. Rotomould black poly-fibre wedge cabinet with handle. Impact and weather resistant for on-road toughness. Built-in Tweeter Horn Flare. Long throw applications. Steel grill protects a 10" 200Wrms (400Wmax) IS10000. Heavy Duty Dai-ichi Cellulose Fibre Cone. Reinforced. Highly efficient horn tweeter, 1" Phenolic Diaphragm. 18dB/Octave High-Powered Manganese cored crossover. Thermal switch protected for auto resettable fuse. Professional "Speakon" Input Socket (See Page 7-4). 200Wrms (400Wmax) 95dB 80Hz→20KHz 6Ω 370x485x330mm Mounting Pole-Cap for speaker stand mounting option. **IMPULSE10**



370mm(W)  
485mm(H)  
330mm(D)  
10" 400W



**10"  
FULL RANGE  
2-Way**

## SPEAKER STAND PROFESSIONAL

### PREMIUM GRADE HEAVY DUTY 1½"

Suitable for the *Impulse 10* or other equipment using the industry standard 1½" Pole Insertion. Height adjustable with safety locking pins and hand tighten grip screws. Height is 100cm → 180cm. Sturdy and stable support base, three 80cm legs. Expandable foot-print to a radius of 60cm each leg. Heavy duty construction from black 1½" steel tubing. Includes a 1½" base plate for adding onto equipment that does not have the suitable insertion hole. Folds up neatly for easy transportation. Black. **STAND10**



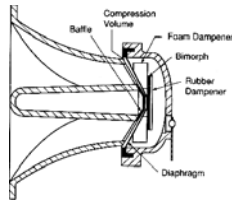
## INSTRUMENT SPEAKERS

CTS Piezo horn tweeters, a quality, cost effective, rugged and efficient professional product. For sound reinforcement, you require reliable, time proven speakers. Motorola USA (now CTS) have been producing piezo drivers for 20+ years. Their reputation and sound quality are well established in the demanding and rigorous PA and live music market place. CTS have now taken over this product from Motorola.

WES now stock a range of the more popular piezo horn units to compliment our instrument speaker range. Heavy duty speakers for PA, Voice, Guitar, etc. by Dai-1chi.

**CTS**  
Corporation  
www.ctscorp.com

Formerly:  **MOTOROLA**



## 10" HORN KIT 265x110mm

Uses a replaceable CTS horn driver attached to an exponential fibre-glass plastic horn. Standard 13/8 thread. Suit high F sound.

### AS A KIT

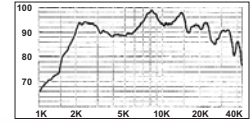
PZK5142  
(kit)

### 10" HORN ONLY

KSN1151

### 2K DRIVER ONLY

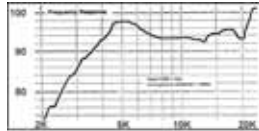
SPL 93dB/M  
Pwr 400Wrms  
F 2K→20KHz  
KSN1142



## BULLET TWEETER 85x85mm

Long throw "Super Horn" Highly efficient No x-over required. Ceramic piezo element coupled to a paper cone in a compression baffle with foam and rubber dampeners to suppress any spurious resonances. This is what makes this driver the worlds most popular bullet tweeter! Original.

SPL 94dB  
Pwr 30Vrms  
F 4K→27KHz  
KSN1005  
NLA Use HT100 Page 6-20



## 10" MID-RANGE HORN KIT

As HTK10 but with the CTS midrange type horn driver (KSN1188). This driver can be used as a midrange driver (requires x-over) or Mid-High (No x-over).

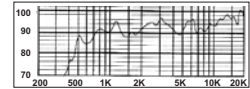
PZK5188  
(kit)

### 10" HORN ONLY

KSN1151

### 800Hz DRIVER ONLY

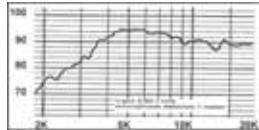
SPL 93dB/M  
Pwr 100Wrms  
F 800→20KHz  
KSN1188



## EXPONENTIAL HORN TWEETER 95mmØ

Similar to KSN1005 but round faced exponential horn with a chrome ring. No x-over required connect as many as you like without additional load to your amplifier. Damped for smooth frequency response. Highly efficient suit long throw applications.

Pwr 30Vrms  
F 4K→27KHz  
KSN1038



## 15" HORN KIT 380x130mm

As HTK10 but with the very large wide angle dispersion horn (15"). Ideal for use with a 15" speaker bin, etc. Virtually indistructable PTC thermal protected.

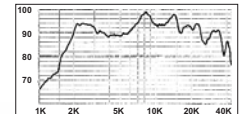
PZK9642  
(kit)

### 15" HORN ONLY

KSN1196

### 2KHz DRIVER ONLY

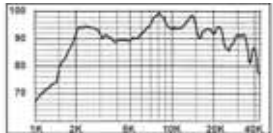
SPL 93dB/M  
Pwr 400Wrms  
F 1.8→20KHz  
KSN1142



## WIDE HORN TWEETER 185x78mm

Another popular PA solution from CTC using the "Powerline" series ceramic piezo driver (inbuilt KSN1142 type). Virtually indistructable with inbuilt protection for thermal overload. F response down to 2K. Wider disperstion. Extended dampening for smoother characteristics. Extreme high power 400W.

SPL 92dB/M  
F 2K→30KHz  
KSN1141



## 15" MID-RANGE HORN KIT

As HTK15 but with the mid-high driver (KSN1188). Powerline indistructable. Fill any sized room with smooth mid or mid-high sound reinforcement. As used by professionals.

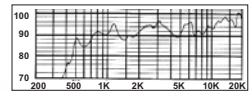
PZK9688  
(kit)

### 15" HORN ONLY

KSN1196

### 800Hz DRIVER ONLY

SPL 93dB/M  
Pwr 100Wrms  
F 800→20KHz  
KSN1188



### 15" PEERLESS SLS INSTRUMENTAL SPEAKER 4Ω



High SPL Driver. Optimised for use in a bass reflex system 80L or larger. Designed for PA & Instrument amplification. Solid steel basket. Low compression design. Weather resistant and durable. Heavy duty composite fibre cone with linen multi-roll doped surround and conex spider for long reliability at sustained high volumes. Maximum power rating is difficult to determine. 150W will produce 120dB! 500W is 125dB if box is optimum. With a 3" Aluminium voice coil, this driver will sustain some high power.

P/No. 385 SWL 76 190 MRL 4Ω  
Coil 76mmØ  
Zn 4Ω (4.3Ω@194Hz)  
Fs 40.4Hz  
Sens' 99.2dBm  
Qms 7.95  
Qes 0.32  
Qts 0.30  
Vas 163.3L  
P830671



### 15" PEERLESS SLS INSTRUMENTAL SPEAKER 8Ω



High SPL Driver. Optimised for use in a bass reflex system 80L or larger. Designed for PA & Instrument amplification. Solid steel basket. Low compression design. Weather resistant and durable. Heavy duty composite fibre cone with linen multi-roll doped surround and conex spider for long reliability at sustained high volumes. Extremely high efficiency for such a robust driver. This enables compact modern setups with less units per SPL. With a 3" Aluminium voice coil, this driver will sustain some high power.

P/No. 385 SWL 76 190 MRL 8Ω  
Coil 76mmØ  
Zn 8Ω (7.7Ω@178Hz)  
Fs 39.9Hz  
Sens' 96.0dBm  
Qms 7.86  
Qes 0.41  
Qts 0.39  
Vas 170.3L  
P830670



### 12" PEERLESS SLS INSTRUMENTAL SPEAKER 4Ω



High SPL Driver. Optimised for use in a bass reflex system 80L or larger. Designed for PA & Instrument amplification. Solid steel basket. Low compression design. Weather resistant and durable. Heavy duty composite fibre cone with linen multi-roll doped surround and conex spider for long reliability at sustained high volumes. Maximum power rating is difficult to determine. 150W will produce 120dB! 500W is 125dB if box is optimum. With a 3" Aluminium voice coil, this driver will sustain some high power.

P/No.  
Coil  
Zn  
Fs  
Sens'  
Qms  
Qes  
Qts  
Vas

P830673



### 12" PEERLESS SLS INSTRUMENTAL SPEAKER 8Ω



High SPL Driver. Optimised for use in a bass reflex system 80L or larger. Designed for PA & Instrument amplification. Solid steel basket. Low compression design. Weather resistant and durable. Heavy duty composite fibre cone with linen multi-roll doped surround and conex spider for long reliability at sustained high volumes. Extremely high efficiency for such a robust driver. This enables compact modern setups with less units per SPL. With a 3" Aluminium voice coil, this driver will sustain some high power.

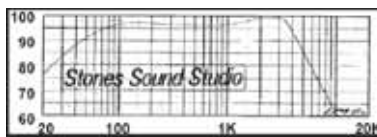
P/No.  
Coil  
Zn  
Fs  
Sens'  
Qms  
Qes  
Qts  
Vas

P830672

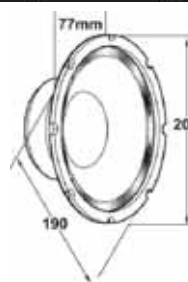


### INSTRUMENTAL 8" 100W

Heavy Duty Dai-1chi Speaker.  
 Large gauge design  
 Accordion/doped cloth  
 surround Reinforced  
 cellulose fibre cone.  
 Z  $8\Omega$  (6.1 $\Omega$ dc)  
 Freq. 65→4KHz ( $\pm 3$ dB)  
 Fo 95Hz  
 Sens' 90dB  
 Magnet 20 Oz  
 Voice 32mm  
 Power 200Wmax  
 Qms 6.55  
 Qes 1.48  
 Qts 1.21  
 Vas 10.2L  
 IS8000

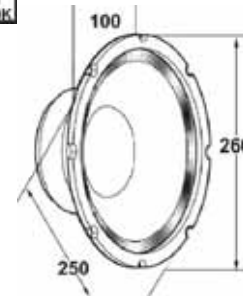
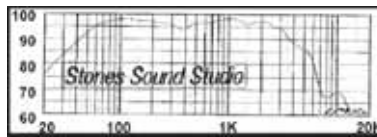


ROADIE APPROVED



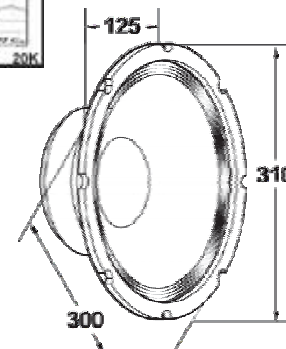
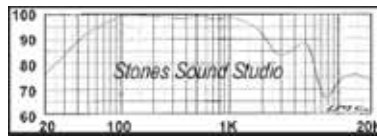
### INSTRUMENTAL 10" 200W

Heavy Duty Dai-1chi Speaker.  
 Large gauge design  
 Accordion/doped cloth  
 surround Reinforced  
 cellulose fibre cone.  
 Z  $8\Omega$  (5.7 $\Omega$ dc)  
 Freq. 33→5KHz  
 Fo 63Hz  
 Sens' 94dB  
 Magnet 30 Oz  
 Voice 32mm  
 Power 400Wmax  
 Qms 4.34  
 Qes 0.79  
 Qts 0.67  
 Vas 50L  
 IS10000



### INSTRUMENTAL 12" 250W

Heavy Duty Dai-1chi Speaker.  
 Large gauge design  
 Accordion/doped cloth  
 surround Reinforced  
 cellulose fibre cone.  
 Z  $8\Omega$  (5.7 $\Omega$ dc)  
 Freq. 32→5KHz  
 Fo 55Hz  
 Sens' 95dB  
 Magnet 50 Oz  
 Voice 32mm  
 Power 250W/500W  
 Qms 5.15  
 Qes 0.74  
 Qts 0.65  
 Vas 88.1L  
 IS12000



### INSTRUMENTAL 15"

Heavy Duty Dai-1chi Speaker.  
 Strengthened suspension  
 long throw system for  
 the rugged use in PA  
 sound reinforcement.  
 Z  $8\Omega$  (7.2 $\Omega$ dc)  
 Freq. 33→4KHz  
 Fo 45Hz  
 Sens' 95dB  
 Magnet 50 Oz  
 Voice 50mm  
 Power 150W nom.  
 Qms 3.18  
 Qes 0.83  
 Qts 0.65  
 Vas 207.75L  
 IS15-150

