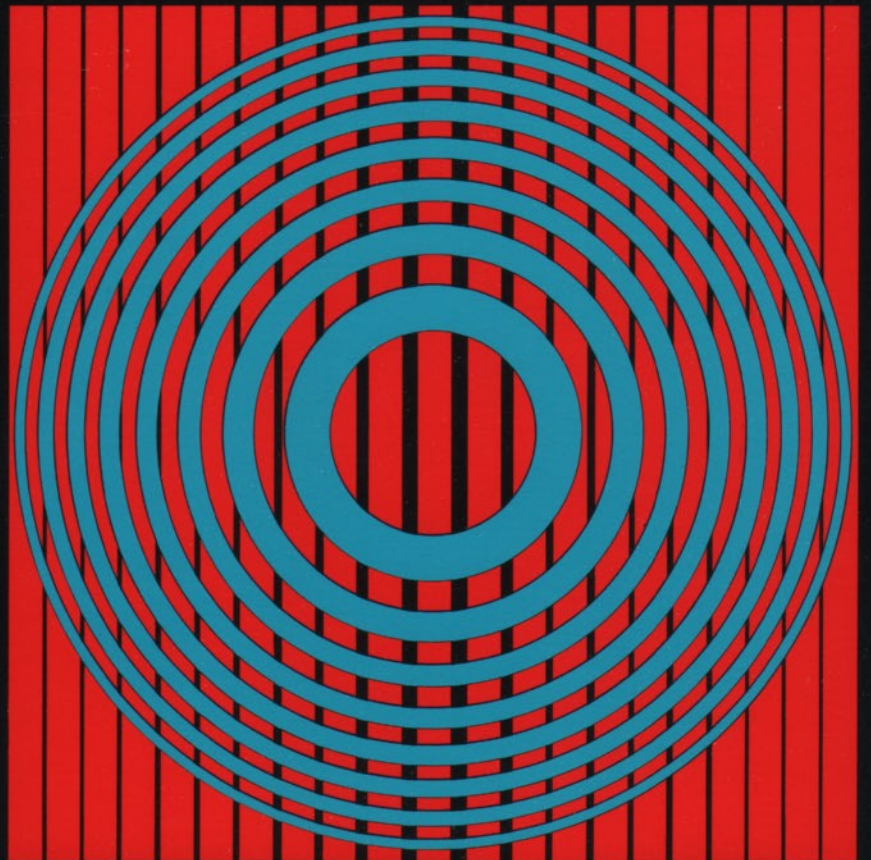


1969 catalog



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philosophy

Since its inception, the philosophy of Sunn has evolved around six major consumer oriented concepts. Engineering innovation, advanced circuitry, consistent quality, excellent craftsmanship, magnificent power, and superlative sound.

Engineering innovation embodies an innovative attitude that runs throughout our company. Essentially this direction is one of striving for constant product improvement. At the same time we listen to your suggestions, ideas, wants, and needs so that Sunn can be intensely aware of the mainstreams of music today, and the directions it may take tomorrow.

Advanced circuitry is responsible for the sound of Sunn. An exhaustive, continuous research and development program is being carried out to insure you of the finest and most reliable in innovative sound reproduction techniques.

Consistent quality is maintained in every aspect of every product that bears the name and symbol of Sunn. All components and materials used in Sunn products are continually checked and evaluated to assure you of the absolute best. After components have been incorporated into a Sunn product the product begins a continuous process of quality control testing that does not cease until every detail has successfully passed our rigid standards of excellence.

Magnificent power is related directly to engineering innovation and advanced circuitry. Through the combined efforts of engineering and research, we have been able to develop some phenomenal power handling capabilities throughout our amplification systems. Each circuit is designed to fully utilize the uncompromising quality of every component, thus providing unerring performance.

Superlative sound is Sunn. All our activities are directed to the production of what has become well known as the sound of Sunn. Many sound innovations such as the LE100S horn and driver, the Sunn Buzz and the new D15S are utilized throughout the Sunn product line.

All in all, Sunn's philosophy is oriented for you. Our ultimate goal is to achieve your satisfaction with Sunn products.

Visual Design: Our concept in developing the Orion and Aquarius total design was, first and foremost, to provide you, the performer, with a unit that can be easily controlled, yet develop any sound desired. In addition, we wanted to create a visually exciting stage presence. Considerable time and study have gone into the visual design of the Orion and Aquarius systems. Each detail, from the functional simplicity of the control amp to the visual punch of the unique grill cloth, has been carefully considered for total effect.

Modular Concept: The Orion and Aquarius control amp drives a 175 watt RMS power amp mounted in the base of the speaker enclosure. In developing this design, we have applied the concept of adding power modules to the Orion or Aquarius system, thereby increasing effective sound and power output.

Slide Controls

By using slide controls on the Orion and Aquarius control amps, Sunn has introduced a quality aspect of the recording studio (exacting control of various effects) into the actual performance. Although fine accuracy is achieved, the controls are very easy to operate and are designed to adjust at a glance with a minimum of effort.

JBL D15S: Sunn engineers have pooled their efforts with those of the JBL engineering staff, to develop a truly unique speaker with reproduction capabilities that have previously been unattainable. The D15S is the very latest in speaker development and is an exclusive feature of the Orion series and the Sunn line. The major attributes of the D15S are its power handling capabilities and superb efficiency. Power loads of 200 watts RMS are handled with ease by a pair of D15S speakers.

Reverb Locking Device

We have developed a reverb assembly with a locking lever to protect the moveable parts. A simple twist of this lever secures the delicate springs and coils inside the reverb assembly, thus preventing damage caused by the stresses of travel and transportation. Another reliability plus from Sunn!

Midboost

The big switch is in our guitar amps! We've developed a new switch that turns on heavy, contemporary sound. It's called Midboost. Midboost concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it.

Dimensional sound! Explore it with Solarus. Exceptionally smooth tonal response guarantees full, rich, quality guitar reproduction. Sound versatility establishes Solarus as a widely accepted amp in every aspect of music, from rock to jazz and C & W. Highly desirable for club and recording work, Solarus total sound is achieved by combining state-of-the-art circuitry with two superb Sunn Guitar Transducers in an open back cabinet. To this we've added a little switch with a big punch; Midboost. It concentrates all the driving force of the amplifier into the middle of the sound spectrum. The sound makes pickers' fingers twitch from Newport to Nashville and on down the line. Try Solarus!

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (foot-switch supplied with the amp), speaker jack, external speaker jack.

Speakers: 2 - 12" heavy duty Sunn Guitar Transducers with heat treated voice coils.

Power Output: 40 watts R.M.S., 90 watts peak.

Amplifier: Push-pull, ultra linear circuit.

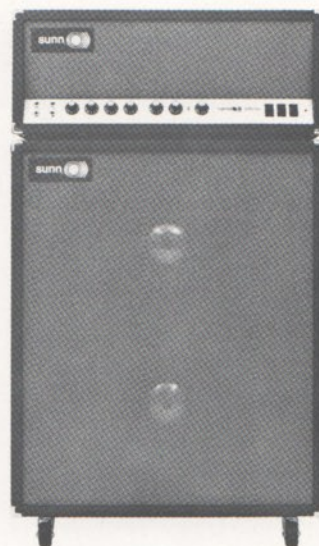
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 7199, 1 - GZ-34, 2 - EL-34.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure dimensions: 29" high, 24" wide, 11½" deep. Casters included for easy transport.

Total Weight: 75 lbs.

solarus



Sonaro lays down a solid, booming bass sound for club or concert use. One tough 15" heavy duty Sunn bass transducer, housed in an acoustically tuned enclosure, produces extremely effective bass response. Sonaro is an ideal amp for the bass musician looking for unique and satisfying sound at a reasonable price. Portability is a major asset of Sonaro. It's big enough to do the job, but small enough to make transportation easy. Of course consistent quality and excellent craftsmanship are integral parts of Sonaro, as they are in every Sunn product. Capture your sound. Get Sonaro!

Front Panel: 2 inputs, volume, treble, bass, lo boost switch, hi boost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.

Speaker: 1 - 15" heavy duty Sunn Bass Transducer with heat treated voice coil.

Power Output: 40 watts R.M.S., 90 watts peak.

Amplifier: Push-pull, ultra linear circuit.

Tubes: 1 - 12AX7, 1 - 7199, 1 - GZ-34, 2 - EL-34.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure dimensions: 29" high, 24" wide, 11½" deep. Casters included for easy transport.

Total Weight: 75 lbs.

sonaro





Sonic 1-40 is the choice of leading musicians who demand sharp, clean, undistorted sound with a punch. Designed for use with bass or organ, Sonic 1-40 can make possible an intimate relationship between you and your sound. Because of its compact size, Sonic 1-40 is ideally suited for club and concert work. Carrying large equipment can be both cumbersome and expensive. So, like Charlie Louvin, one of our country musicians, you can rely on the big Sonic 1-40 sound and still have the finest portability on the market, bar none. Sonic 1-40 develops its sound with a superb 15" JBL D140F speaker, mounted in Sunn's exclusive rear-loading, folded horn speaker enclosure. Discover your sound!

Front Panel: 2 inputs, volume, treble, bass, lo boost switch, hi boost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.

Speaker: 1 - 15" JBL D140F.

Power Output: 60 watts R.M.S., 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

Tubes: 1 - 12AX7, 1 - 6AN8, 1 - 6Z3, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure dimensions: 26" high, 24" wide, 15" deep. Casters included for easy transport.

Total Weight: 120 lbs.

sonic 1-40



In the tradition of Sunn's superb bass amplifiers, the Sorado offers a unique sound to the bass player at a moderate price. Two quality heavy duty 15" Sunn Bass Transducers, mounted in a precisely tuned enclosure, deliver incomparable bass response. Driving power and smooth response are provided by Sunn's advanced circuitry. Clean, crisp sound reproduction is always the result. This rugged, dependable amp exemplifies the consistent quality features of all Sunn products. Many years of dependable service will be yours with this exceptional unit. Sorado, from Sunn!

Front Panel: 2 inputs, volume, treble, bass, lo boost switch, hi boost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.

Speakers: 2 - 15" heavy duty Sunn Bass Transducers with heat treated voice coils.

Power Output: 60 watts R.M.S. 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

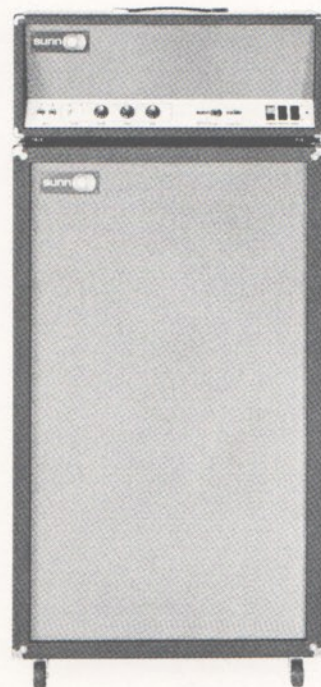
Tubes: 1 - 12AX7, 1 - 6AN8, 1 - 6Z3, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure dimensions: 42" high, 24" wide, 15" deep. Casters included for easy transport.

Total Weight: 150 lbs.

sorādo





Sentura I combines advanced circuitry with quality components to assure you of a magnificent performance every time. Engineering innovations assure you of exceptionally smooth response, reverb and vibrato, and contour control. Then, we take it a step further. We have added a little switch with a big punch; Midboost. It concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it. Our highly efficient new JBL D15S speaker belts it out. Devotion to detail, craftsmanship, and engineering, assure you of reliability and durability both on the road and in the studio. Full, rich, quality sound with exciting punch can be in your bag with Sentura I.

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.

Speaker: 1 - 15" JBL D15S.

Power Output: 40 watts R.M.S., 90 watts peak.

Amplifier: Push-pull, ultra linear circuit.

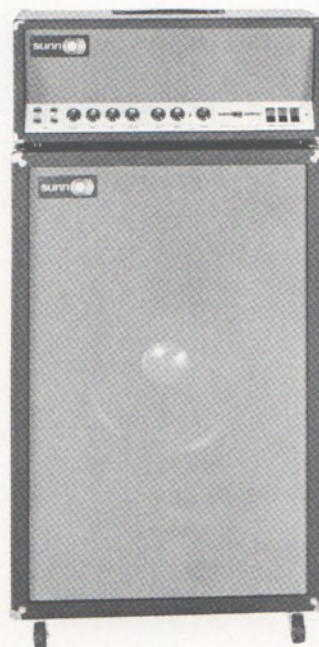
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 7199, 1 - GZ-34, 2 - EL-34.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure Dimensions: 38" high, 24" wide, 11½" deep. Casters included for easy transport.

Total Weight: 100 lbs.

sentura I



The Sceptre concept was developed as a result of field testing with Peter Townshend, Jimi Hendrix, Kent Henry, and John Entwistle, all of whom depend on the reproduction characteristics of 12" speakers for their individual sounds. Sceptre combines four heavy duty 12" Sunn Guitar Transducers with clean, crisp, amplification and our new midboost switch. Midboost concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it. Add stunning reverb and vibrato. The result is unmatched contemporary sound. Try the sound of Sceptre! Your Sound!

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.

Speakers: 4 - 12" heavy duty Sunn Guitar Transducers with heat treated voice coils.

Power Output: 60 watts R.M.S., 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

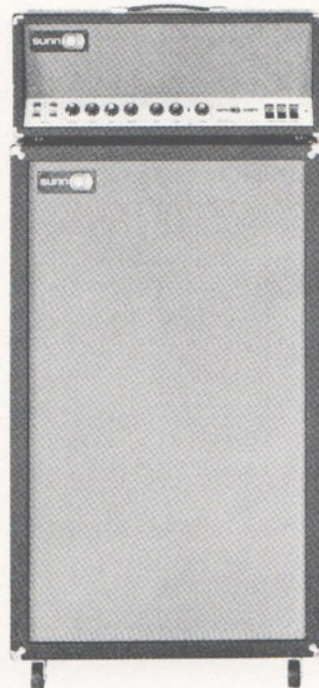
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 6AN8, 1 - GZ-34, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure Dimensions: 42" high, 24" wide, 15" deep. Casters are included for easy transport.

Total Weight: 150 lbs.

sceptre





Sentura II develops a full, rich, guitar sound with exceptionally smooth response, especially in the upper frequencies. Designed specifically for lead or rhythm guitar, Sentura II utilizes two of our exclusive JBL D15S speakers to deliver clean, crisp individual sound. Just a flip of our new midboost switch and wham! All the driving force of the amp is concentrated in the middle of the sound spectrum, right where you want it. Adjust the reverb, vibrato, or contour. Play it straight or funky, Sentura II embodies all the versatility you've always needed.

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.

Speaker: 2 - 15" JBL D15S.

Power Output: 60 watts R.M.S., 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

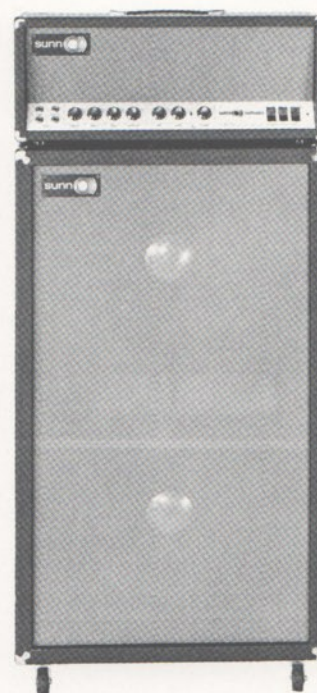
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 6AN8, 1 - GZ-34, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure Dimensions: 42" high, 24" wide, 15" deep. Casters included for easy transport.

Total Weight: 150 lbs.

sentura II



Revolutionary 100S!

What's behind the explosive force of the 100S? In essence it's the dual speaker system, which couples Sunn's exclusive JBL LE100S high frequency driver/horn with a JBL D130F speaker. Build this speaker combination into Sunn's unique rear-loading folded horn speaker enclosure and you begin to realize the full bodied richness of the 100S sound.

But, we have taken it a step further. We have added a little switch with a big punch: Midboost. It concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it. Sunn's state-of-the-art circuitry makes midboost possible, as well as contour control, reverb, and vibrato.

The 100S is the new standard in lead guitar amps. You owe it to yourself to try the 100S.

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth, and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.

Speakers: 1 - 15" JBL D130F and 1 - LE100S high frequency driver with matching H5040 horn.

Power Output: 60 watts R.M.S., 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

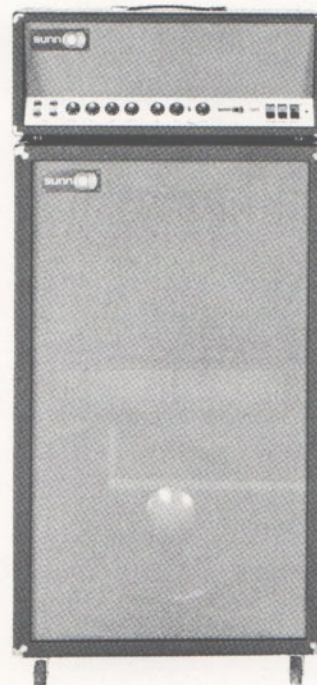
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 6AN8, 1 - GZ-34, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure Dimensions: 42" high, 24" wide, 15" deep. Casters included for easy transport.

Total Weight: 150 lbs.

100S



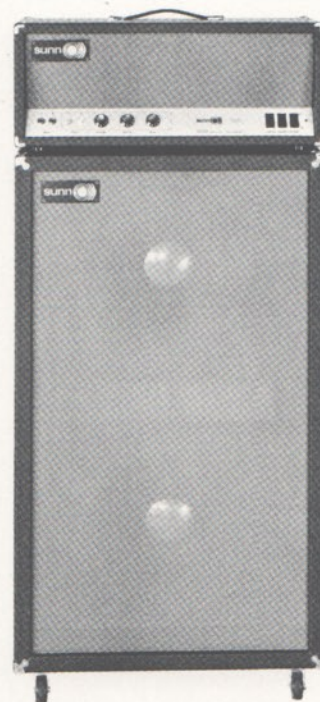


200S

Superb bass!

There's nothing like it! Sunn's exclusive rear-loading, folded horn speaker enclosure is combined with two high efficiency JBL D140F bass speakers to boom out sound you must feel to believe. 200S is the acknowledged "standard of the industry" bass amp. Acknowledged by great bass players like Noel Redding of the Jimi Hendrix Experience, Jack Cassady of Jefferson Airplane, and John Entwistle of The who to name a few. Advanced circuitry and consistent quality guards against distortion, breakdown, and other problems which may normally interrupt your gig. Flood any space with the magnificent power of the 200S. Superb bass for your next superb performance.

Front Panel: 2 inputs, volume, treble, bass, lo boost switch, hi boost switch, standby switch, polarity switch, power switch.
Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.
Speakers: 2 - 15" JBL D140F.
Power Output: 60 watts R.M.S., 140 watts peak.
Amplifier: Push-pull, ultra linear circuit.
Tubes: 1 - 12AX7, 1 - 6AN8, 1 - GZ-34, 2 - 6550.
Amp Dimensions: 9½" high, 24" wide, 9½" deep.
Enclosure Dimensions: 42" high, 24" wide, 15" deep. Casters included for easy transport.
Total Weight: 150 lbs.



How do you produce an unequalled guitar sound force? By combining the phenomenal 1200S, 120 watt R.M.S. amplifier with 6 superb heavy duty Sunn Guitar Transducers. You develop shattering volume while maintaining smooth tonal response throughout the entire audio spectrum. Flip on our sensational new Midboost switch. It concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it. Our state-of-the-art circuitry makes Midboost possible, as well as combining our Contour Control with bright and normal inputs, reverb and vibrato. At a very reasonable price. The 1200S provides you with a truly individual sound. Explosive!

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, midboost switch, reverb level control, standby switch, polarity switch, power switch.
Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.
Speakers: 6 - 12" heavy duty Sunn Guitar Transducers with heat treated voice coils.
Power Output: 120 watts R.M.S., 280 watts peak.
Amplifier: Push-pull, ultra linear circuit.
Tubes: 1 - 12AX7, 1 - 6AN8, 2 - GZ-34, 4 - 6550.
Amp Dimensions: 10" high, 30" wide, 9½" deep.
Enclosure Dimensions: 48" high, 30" wide, 15" deep. Casters included for easy transport.
Total Weight: 200 lbs.

1200S





The ultimate guitar amp!
How did we do it? By listening to today's top guitarists like Jimi Hendrix, Peter Dinklage, Randy Holden, and a great many others.

We sorted through the ideas and developed them into the 1000S. The heart of the 1000S is a four input amplifier that develops 120 watts R.M.S. to drive out explosive sound.

The 1000S speaker enclosure incorporates two exclusive JBL D15S speaker in our rear-loading folded horn design. It all adds up to fantastic sound. But, we have taken it a step further. We have added a little switch with a big punch: Midboost. It concentrates all the driving force of the amplifier into the middle of the sound spectrum, right where you want it. There you have it. The ultimate guitar amp.

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, depth and rate controls for vibrato, reverb level control, midboost switch, standby switch, polarity switch, power switch.
Back Panel: A.C. outlet, extractor type fuse post, jack for reverb and vibrato footswitch (footswitch supplied with the amp), speaker jack, external speaker jack.

Speakers: 2 - 15" JBL D15S.

Power Output: 120 watts R.M.S., 280 watts peak.

Amplifier: Push-pull, ultra linear circuit.

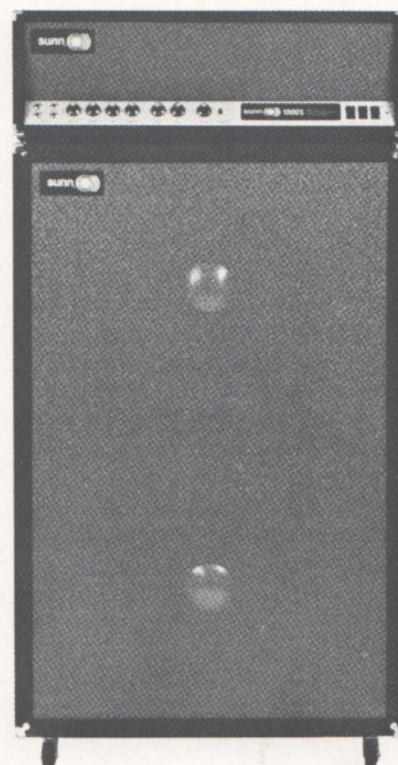
Tubes: 1 - 12AX7, 1 - 12AU7, 1 - 6AN8, 2 - 6Z34, 4 - 6X50.

Amp Dimensions: 10" high, 30" wide, 9½" deep.

Enclosure Dimensions: 48" high, 30" wide, 15" deep. Casters included for easy transport.

Total Weight: 200 lbs.

1000S



The 2000S is specifically designed to produce total, filling sound while providing fine tonal variety throughout the audio spectrum. Superior size and construction of the 2000S speaker enclosure, coupled with two JBL D140F speakers in an exclusive rear-loading, folded horn system, enable the 2000S to produce booming bass response. Driving force of the 2000S comes from our 120 watt R.M.S. amplifier. To this superlative combination, we've added a little switch with a big punch: bassboost. It dramatically emphasizes the bass response, enabling you to lay down the most thundering bass you've ever felt!

Front Panel: 4 inputs—2 bright, 2 normal; volume, treble, bass, contour, bassboost switch, standby switch, polarity switch, power switch.

Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.

Speakers: 2 - 15" JBL D140F.

Power Output: 120 watts R.M.S., 280 watts peak.

Amplifier: Push-pull, ultra linear circuit.

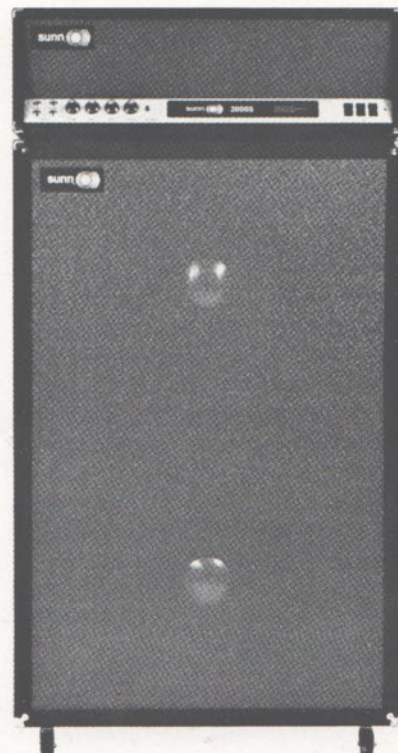
Tubes: 1 - 12AX7, 1 - 6AN8, 2 - 6Z34, 4 - 6X50.

Amp Dimensions: 10" high, 30" wide, 9½" deep.

Enclosure Dimensions: 48" high, 30" wide, 15" deep. Casters included for easy transport.

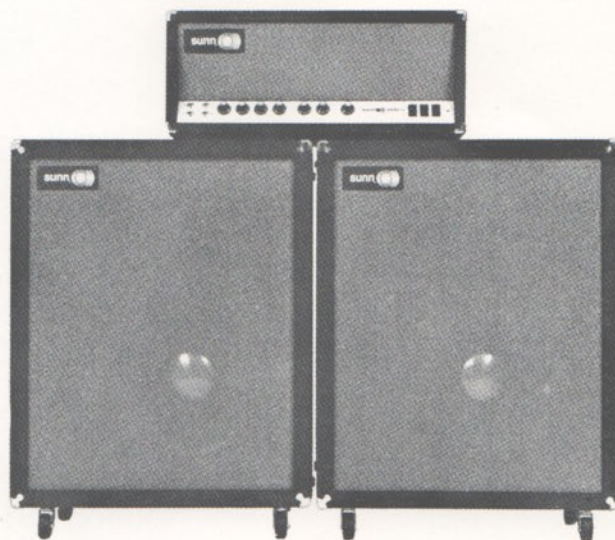
Total Weight: 200 lbs.

2000S





studio sound system



At last, total sound is yours! How? By eliminating the irritating problems of harsh, rasping, and distorted vocal reproduction. That's what our Studio Sound System does. Each tone is clearly distinguishable without sacrificing the volume and quality demanded by successful groups around the world. Designed to provide the ultimate in quality tonal reproduction, the Studio Sound System assures you of exceptionally smooth response and consistent performance usually found only in the recording studio.

The speaker enclosures in this system are designed to mount on the Atlas SS-2 stand, which is completely adjustable to heights of 12 feet. The mounting bracket which receives the stand is recessed into the enclosure. This allows our double-ball bearing casters to be used for easy

transportation and eliminates any protruding parts. Due to the special bracket design, the enclosures can be rotated a full 360 degrees to provide total sound coverage in any situation. No matter where you perform, club or auditorium, you are assured of total sound!

Front Panel: 4 inputs—separate volume controls for each channel; treble, bass, master volume control, power switch, standby switch, polarity switch.

Back Panel: A.C. outlet, extractor type fuse post, speaker jack, external speaker jack.

Speakers: 2 enclosures, each with 1 - 15" JBL 130AS, 1 - JBL LE100S high frequency driver/horn, and dividing network. A total of 2 - 15" JBL 130AS speakers, 2 - JBL LE100S driver/horn assemblies, and 2 dividing networks.

Power output: 60 watts R.M.S., 140 watts peak.

Amplifier: Push-pull, ultra linear circuit.

Tubes: 3 - 12AX7, 1 - 6AN8, 1 - GZ-34, 2 - 6550.

Amp Dimensions: 9½" high, 24" wide, 9½" deep.

Enclosure design: Tuned port, complete with special bracket for mounting on an Atlas SS-2 stand.

Enclosure dimensions: 29" high, 24" wide, 11½" deep. Casters included for easy transport.

Total Weight: 195 lbs.





We've developed a new dimension in column sound reproduction. Our Concert Sound System eliminates the irritating problems of rasping, harsh, and distorted vocal reproduction. Each tone is clearly distinguishable without sacrificing the volume levels and quality demanded by successful groups. 90 watts R.M.S. (200 watts peak) and advanced solid state circuitry reproduce crystal clear vocals and assure you of full total response throughout the audio spectrum.

The Concert Sound System control amp has five channels, with individual reverb selection, treble, bass, and volume controls for each channel. Reverb on all channels can be controlled with the Master Reverb control. Overall volume level can be controlled with the Master Volume control. So, your sound flexibility will really improve through a Concert Sound System. Physical flexibility is great too! Being able to set up and tear down quickly is extremely important to you. That's what we had in mind when we designed this system. The control amp is no problem, and the speaker enclosures will easily slide into a station wagon or a standard car seat. You can't beat that for portability. And you can't beat the price either. Check it out today at your Sunn Sound Dealer. You'll want to have a Concert the same night!

Control Amp Specifications

Front Panel: 5 input channels; separate volume, treble, and bass controls for each channel; reverb selector switch for each channel; master reverb gain control, master volume control, polarity switch, power indicator light, power switch.

Back Panel: Power cord, extractor-type fuse post, A.C. outlet, auxiliary input (for additional control amp), 2 extension speaker outputs.

Speakers: 2 enclosures, each containing 4 - 12" Sunn PA Transducers for a total of 8 transducers.

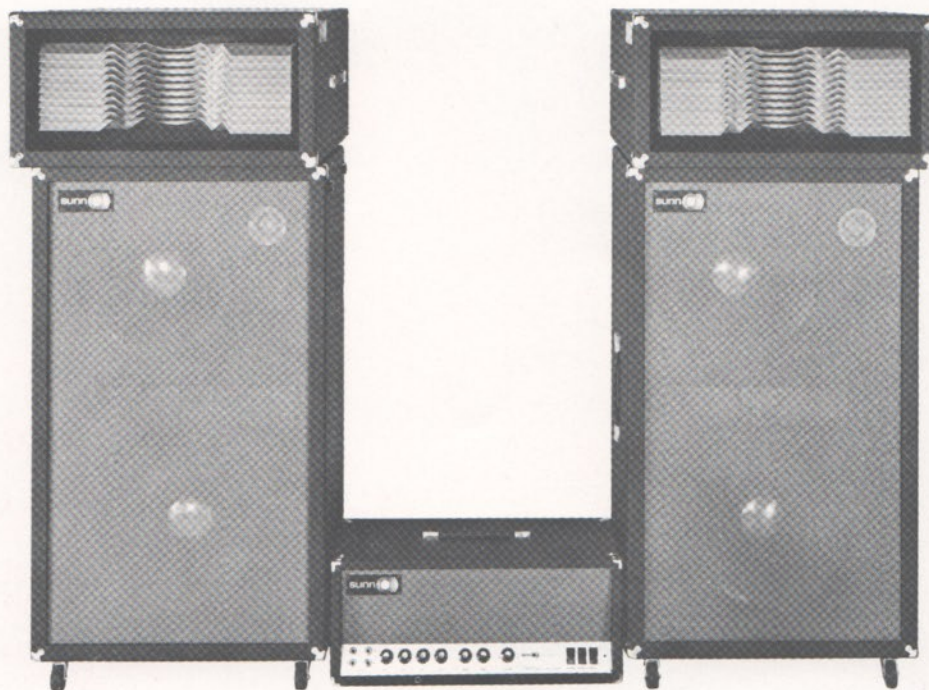
Power Output: 90 watts R.M.S., 200 watts peak.

Amp Dimensions: 9 $\frac{1}{8}$ " high, 26 $\frac{1}{2}$ " wide, 13" deep.

Enclosure Dimensions: 54 $\frac{1}{2}$ " high, 17 $\frac{1}{2}$ " wide, 11 $\frac{1}{2}$ " deep.



coliseum sound system



The Coliseum Sound System has been designed to reproduce every sound with magnificent clarity and power. It does, and it's the most fantastic sound in the world. To achieve this, we developed the concept of the Golden Sound Lens. Assuring performers of optimum sound coverage, the Golden Sound Lens eliminates the directional tendencies of horn type speakers. Combining this major sound innovation with a JBL 375 theatre-type mid-range driver and matching horn, produces precise, distortion free sound for any size audience in any size space. With the Golden Sound Lens concept established, we then carefully engineered and constructed an entire system.

The Coliseum Sound System incorporates four 130AS 15" J.B.L. speakers specifically designed to boom out the low end and bass tones in Sunn P.A. systems; two J.B.L. 375 theatre-type drivers with matching horns and Golden Lenses delivering mid-range snap; two J.B.L. 075 ultra tweeters provide razor sharp S's and T's for vocals; four dividing networks to assure the smoothest response there is. Each speaker and component in this system is designed for a specific purpose. That purpose is the reproduction of total sound.

Front Panel: 4 inputs—separate volume controls for each channel, treble, bass, master volume control, power switch, standby switch, polarity switch.

Back Panel: A.C. outlet extractor type fuse post, speaker jack, external speaker jack.

Tubes: 3 - 12AX7, 1 - 6AN8, 2 - 6Z34, 4 - 6550.

Speaker: Each Coliseum contains 2 - 15" JBL 130AS speakers, 1 - JBL 375 mid-range driver with matching horn and golden sound lens and 1 - JBL 075 ultra tweeter. This is a total of 4 - 15" JBL 130AS speakers, 2 - JBL 375 drivers, 2 - JBL 075 tweeters and 4 matching dividing networks.

Power Output: 120 watts R.M.S. 280 watts peak.

Amplifier: Push-pull parallel, ultra linear circuit.

Speaker Enclosure: Lower sections are rear-loading folded horn design. Golden Sound lens utilizes a unique yoke mounting system for the 32 pound driver.

Amp Dimensions: 10" high, 24" wide, 9½" deep. Speaker enclosure: lower section—42" high, 24" wide, 15" deep. Golden Sound Lens: 12" high, 24" wide, 24" deep.

Total Weight: 435 lbs.

Visual Design: Our concept in developing the Aquarius total design was, first and foremost, to provide you, the performer, with a unit that can be easily controlled, yet develop any sound desired. In addition, we wanted to create a visually exciting stage presence.

Modular Concept: The Aquarius control amp drives a 175 watt R.M.S. power amp mounted in the base of the speaker enclosure. In developing this design, we have applied the concept of adding power modules to the Aquarius system, thereby increasing effective sound and power output.

For instance, if additional power is required, a PM1 (175 watt R.M.S. power module) can be added to the initial Aquarius PM1 to develop a total power output of 350 watts R.M.S. Add another PM1 for 525 watts R.M.S. and so on to infinity.

If additional sound coverage is required an SM1-15 (speaker module with two D15S), or an SM1-12 speaker module with 4 - 12" Sunn Guitar Transducers) may be added to the Aquarius PM1. These units are identical in appearance to the PM1, but have no power amplifier.

Control Amp

The Aquarius control amp is one of the most uniquely versatile guitar amplifiers on the market today. By combining finely engineered slide controls with tone selection switches, a fantastic series of tremolo controls, reverb, and a built-in distortion (buzz) circuit, Aquarius provides you the opportunity to fully explore the infinite variety of your individual total sound.

Slide Controls

By using slide controls on the Aquarius control amp, Sunn has introduced a quality aspect of the recording studio (exacting control of various effects) into the actual performance. Although fine accuracy is achieved, the controls are very easy to operate and are designed to adjust at a glance with a minimum of effort.

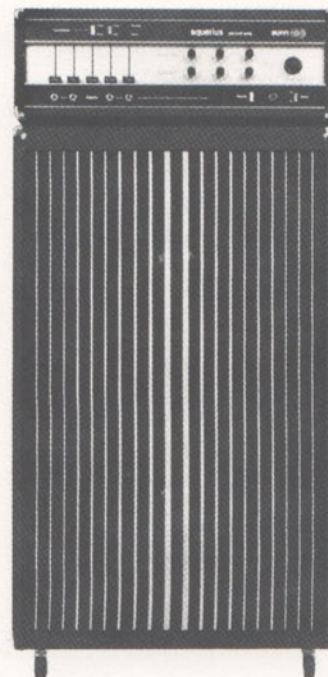
Tremolo, Buzz, and Reverb Controls

Combinations possible through use of the tremolo and buzz controls permit a fantastic variety of new guitar concepts. The buzz circuit is capable of sustaining a note almost infinitely, depending on the desired effect; chop, sustain, slide, speed and intensity give tremolo a dimension previously unattainable. Reverb is controlled with the Reverb level control. Once these controls are set on the control amp, they can be conveniently controlled with the footswitch.

Speaker Enclosure

When the enclosure includes the power module it is designated PM. Without the power amp the enclosure is designated SM (speaker module) and is used as an extension speaker unit.

The Aquarius enclosure is a solid unit, virtually free of any vibration caused by the many screws which customarily fasten the backs of speaker enclosures. Solid cabinetry also eliminates any possible inefficiency due to air leaks. As a result of the solid enclosure design, speakers are front mounted to facilitate replacement.



Control Amp Specifications

Front Panel: Tone controls—hollow, bass, mid-range; Slide controls—volume, bass, mid-range, mid-treble, treble; 4 inputs; Tremolo controls—chop, sustain, slide, speed and intensity; Buzz controls—effect, level, mix; reverb level control, polarity switch, power indicator light, power switch.

Speaker Options: Power Modules and Speaker Modules are available with 2 - 15" JBL D15S; or 4 - 12" Sunn Guitar Transducers.

Power Module Specifications

Power Output: 175 watts R.M.S., 380 watts peak.

Location: Bottom of speaker enclosure.

Panel: 1 - input from control amp, 1 - output to additional PM, 1 - output to additional SM, power switch, A.C. outlet, extractor-type fuse post, power cord.

Enclosure Dimensions: 44" high, 26½" wide, 13½" deep.

Visual Design: Our concept in developing the Orion total design was, first and foremost, to provide you, the performer, with a unit that can be easily controlled, yet develop any sound desired. In addition, we wanted to create a visually exciting stage presence.

Modular Concept: The Orion control amp drives a 175 watt R.M.S. power amp mounted in the base of the speaker enclosure. In developing this design, we have applied the concept of adding power modules to the Orion system, thereby increasing effective sound and power output.

For instance, if additional power is required an SM1-15 (speaker module with two D15S), SM1-40 (speaker module with two D140F or an SM1-12 speaker module with 4 - 12" Sunn Guitar Transducers) may be added to the Orion PM1. These units are identical in appearance to the PM1, but have no power amplifier.

Control Amp

The Orion control amp is one of the most uniquely versatile amplifiers on the market today. By combining finely engineered slide controls with tone selection switches and a superlative built-in distortion (buzz) circuit, the Orion can be used effectively and confidently with guitar, bass, or organ.

Slide Controls

By using slide controls on the Orion control amp, Sunn has introduced a quality aspect of the recording studio (exacting control of various effects) into the actual performance. Although fine accuracy is achieved, the controls are very easy to operate and are designed to adjust at a glance with a minimum of effort.

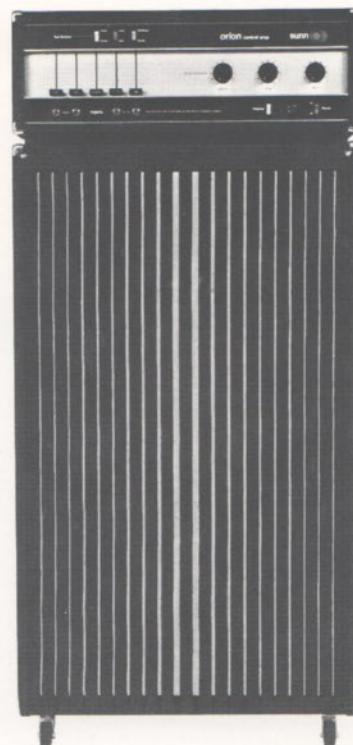
Buzz Controls

The buzz circuit is capable of sustaining a note almost infinitely, depending upon the sound desired. Combinations possible through the buzz controls permit a fantastic variety of new concepts applicable to any electronically amplified instrument. Once the buzz controls are set on the control amp, the buzz circuit can be conveniently controlled with the footswitch.

Speaker Enclosure

The Orion enclosure is a solid unit, virtually free of any vibration caused by the many screws which customarily fasten the backs of speaker enclosures. Solid cabinetry also eliminates any possible inefficiency due to air leaks. As a result of the solid enclosure design, speakers are front mounted to facilitate replacement.

Orion enclosures utilize Sunn's exclusive rear loading, folded horn system. Essentially this system superbly improves excitement of the internal air mass, thus driving out sound normally lost due to inefficient cabinet design. The combination of this cabinet design with solid construction, substantially improves sound output and tuning of the enclosure.



Control Amp Specifications

Front Panel: Tone controls—hollow, bass, mid-range; Slide controls—volume, bass, mid-range, mid-treble, treble; 4 inputs; Buzz controls—effect, level, mix; polarity switch, power indicator light, power switch.

Back Panel: A.C. outlet, extractor-type fuse post, control amp output jack, footswitch outlet.

Amp Dimensions: 9 1/8" high, 26 1/2" wide, 13" deep.

Speaker Options: Power Modules and Speaker Modules are available with 2 - 15" JBL D15S; 2 - 15" JBL D140; or 4 - 12" Sunn Guitar Transducers.

Power Module Specifications

Power Output: 175 watts R.M.S., 380 watts peak.

Location: Bottom of speaker enclosure.

Panel: 1 - input from control amp, 1 - output to additional PM, 1 - output to additional SM, power switch, A.C. outlet, extractor-type fuse post, power cord.

Enclosure Dimensions: 44" high, 26 1/2" wide, 13 1/2" deep.

dymos

Dymos is one of our most exciting new sound innovations. Designed for the young guitarist, Dymos is very economical, yet it incorporates all the craftsmanship, reliability, and features all Sunn amps are famous for. As its name implies, Dymos is small and packs a wallop! 40 watts R.M.S. is developed by this self-contained unit that measures only 24¾" high, 26½" wide, and 11½" deep. Two 12" Sunn Guitar Transducers produce the Dymos sound. Our transducers are engineered and manufactured in accordance with our rigid specifications as well as sound reproduction and power-handling requirements. Because of compact size, dual channels, power, and sound, Dymos can be used anywhere; studio, club, or on the road. Just pick it up and take it along!

Front Panel: 2 channels, 2 inputs per channel. Channel 1 - volume, bass, treble. Channel 2 - volume, bass, treble, rate, depth, reverb; polarity switch, power indicator light, power switch.

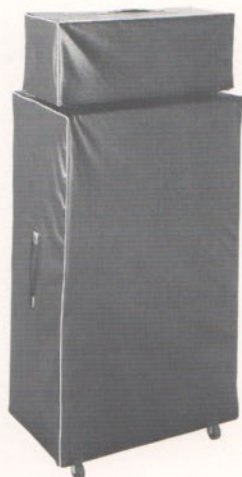
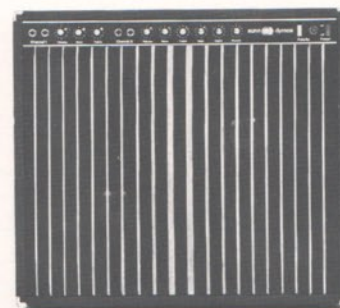
Back Panel: A.C. outlet, extractor type fuse post, extension speaker jack, footswitch jack.

Speakers: 2-12" heavy duty Sunn Guitar Transducers with heat treated voice coils.

Power Output: 40 watts R.M.S., 90 watts peak.

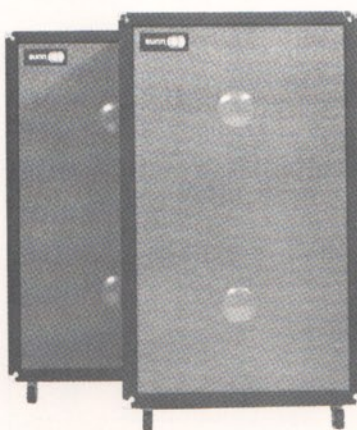
Amplifier: Solid state, utilizing op amp (integrated circuits) in pre amp stages.

Enclosure Dimensions: 24¾" high, 26½" wide, 11½" deep.



Covers

Custom-fitted cover sets are available for all Sunn amplification systems. We highly recommend that amps be covered for added protection against wear, tear and rabid fans. These covers are made of durable black vinyl with white trim, for the professional appearance of Sunn.



Extension Speakers

Sunn extension speakers are the ultimate in quality and craftsmanship. Each enclosure is acoustically engineered to provide the utmost in sound levels and reproduction quality. All Sunn extension speakers are either tuned port or rear-loading, folded horn in design and are available for all models in Sunn's product line.

All aspects pertinent to the products contained in this literature are based on the latest information available at the time of publication. The right is reserved to make changes at any time, in prices, colors, materials, equipment, specifications, models, and to discontinue models.

accessories



Footswitch

Once the reverb and vibrato controls have been set on the amp, both effects can easily be turned on and off with the footswitch. This unit is built of a specially designed aluminum extrusion, rugged steel case, and two positive action, long life switches. You are thus assured of quality performance.

amp applications

	lead	rhythm	bass	organ	club	dance	concert	studio
solarus	A+	A+	N	B	A+	A+	A	A+
sonaro	N	B	A+	A	A+	A	B	A+
sonic 1-40	N	B	A+	A	A+	A+	A	A+
sorado	N	B	A+	A	A+	A+	A+	A+
sentura I	A+	A+	N	A	A+	A+	A	A+
sceptre	A+	A+	N	B	A+	A+	A+	A+
sentura II	A+	A+	B	A+	A+	A+	A+	A+
100S	A+	A+	N	A	A+	A+	A+	A+
200S	N	B	A+	A+	A+	A+	A+	A+
1200S	A+	A+	N	A	A	A+	A+	A+
1000S	A+	A+	B	A+	A	A+	A+	A+
2000S	N	B	A+	A+	A	A+	A+	A+
studio sound system					A+	A+	A	A+
concert sound system					A+	A+	A	A+
coliseum sound system					A	A+	A+	A+
aquarius W/PM1-12	A+	A+	N	B	A	A+	A+	A+
W/PM1-15	A+	A+	B	A+	A	A+	A+	A+
W/PM1-40	N	B	A+	A+	A	A+	A+	A+
orion W/PM1-12	A+	A+	N	B	A	A+	A+	A+
W/PM1-15	A+	A+	B	A+	A	A+	A+	A+
W/PM1-40	N	B	A+	A+	A	A+	A+	A+
dymos	A+	A+	N	B	A+	A+	A	A+

A to A+, recommended / B, favorable / N, not recommended

