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Portable PA Essentials

A guide to HARMAN small to medium
size live audio solutions



Welcome to HARMAN Audio Portable PA Essentials which features the must-have products from the HARMAN Professional audio brands - AKG, BSS Audio, Crown, dbx, JBL Professional and Soundcraft - for professional, portable PA systems.

Each brand's full product range extends beyond what is highlighted here, and if you can't see a product which fulfils your requirement in this catalogue, you will almost certainly find by browsing the brand's website, or by contacting Leisuretec on 01525 850085.



AKG's microphones and headphones are a synthesis of leading-edge industrial design, innovative electronics and world-class acoustics. For over 60 years, AKG has used its considerable expertise and know-how to develop products that serve the music, recording, broadcast and installation markets.



From its beginning as a designer and manufacturer of analogue signal processing to its current status as a leader in the field of audio DSP, signal distribution and control, BSS Audio has amassed an international reputation for providing simple, flexible and cost-effective installed sound solutions.



For over 65 years, Crown has pioneered the design and manufacture of professional audio amplifiers. Today Crown products are used by some of the largest and most respected sound companies in the world in fixed and touring applications.



The best sound systems depend on advanced digital signal processing from dbx to really make them shine. Its offering includes complete equalization and speaker management systems, powered speaker optimizers, direct boxes, zone controllers, EQs and more.



Before THX® and Dolby®, before stereo and even hi-fi, there was JBL. Today, you'll hear JBL Pro sound in 70 percent of all professional venues, including legendary recording studios, famous concert halls and premier cinemas around the world. JBL Pro loudspeakers are the one benchmark for quality and the singular reference for accuracy in the reproduction of recorded or performed sound.



Soundcraft designs, manufactures and markets a wide range of professional audio mixing consoles for use in the live performance, broadcast, sound recording, stage and film arenas. Founded in 1973, just as the music touring business was taking off, the company built a reputation for desks that became synonymous with the "British Sound."



MIXING CONSOLES

Now mixes 80 channels!



80 DSP channels - 31 output busses - 8 VCAs + 8 mute groups - Full DSP on every channel & output - 32x32 USB interface - Motorised faders - Built-in stagebox connectivity - ViSi iPad control

SOUNDCRAFT SI IMPACT 80 INPUT DIGITAL MIXING CONSOLE WITH RECORDING INTERFACE

The Si Impact is Soundcraft's 'greatest hits' collection of Si series technology; combining all of the most powerful features of the Si Expression and Performer consoles into a single 32-channel chassis. On the outside, the Si Impact features an improved, user friendly control layout and simplified screen surround, whilst on the inside, you'll find enough DSP processing for 80 inputs to mix and 35 busses.

Other unique features include 32 built-in Mic inputs, 8 of which are on Combi jack connectors for XLR or 1/4" connectivity, 24 Input faders over 4 fully customisable fader layers with dedicated LR and Mono faders, high contrast LCD scribble strips per channel with comprehensive level and dynamics metering, 8 VCA and Mute groups as well as a full complement of Harman approved processing including dbx dynamics processors, BSS graphic EQ's and Lexicon effects.

The Si Impact also features 2 Si option card slots; one of which is pre-installed with the MADi/USB Combo card to enable 32 channels of USB recording and full Cat 5 MADi stagebox connectivity out of the box.



80 DSP channels - 20 aux/group busses - 4 Lexicon FX busses - 8 Matrix busses
 - 8 VCAs + 8 mute groups - Full DSP on every channel & output - 32x32 USB
 interface - Assignable insert loops - AES I/O - DMX interface - 2 ViSi Connect
 option card slots - Global mode encoders

SOUNDRAFT SI PERFORMER 80 INPUT DIGITAL MIXING CONSOLES

The Si Performer harnesses 448 'rack units' of power to produce the most powerful evolution in the SI series, combining the revolutionary workflow breakthroughs of the SI Expression with the added flexibility of LCD scribble strips, 2 Option card slots, 8 line input jacks and 8VCA and mute group controllers. Each model features unique fader and local mic preamp counts however they are all capable of mixing up to 64 mic and 16 line input sources into 35 busses, with shows and snapshots interchangeable between all models via USB stick.

The 2 option card slots combine for a total of 128x96 possible cross-points that can provide a multitude of networking I/O options via the ViSi connect option card range or direct connection to any Soundcraft MADI stageboxes; positioning the Si Performer at the heart of any installation or music venue.



Si Performer 1

16 mic preamps
 16 faders



Si Performer 2

24 mic preamps
 24 faders



Si Performer 3

32 mic preamps
 32 faders

MIXING CONSOLES



66 DSP channels - 20 aux/group busses - 4 Lexicon FX busses - 8 Matrix busses
- 4 mute groups - Full DSP on every channel & output - Motorised faders -
Assignable insert loops - AES I/O - 1 ViSi Connect option card slot - Global
mode encoders

SOUNDCRAFT SI EXPRESSION

POWERFUL COST-EFFECTIVE DIGITAL CONSOLES

The Si Expression combines the power of digital mixing with the simplistic workflow of analogue. The range consists of 3 frame sizes, each with the same 66 channel DSP engine and total mix bus count of 35. Once you've selected your desired fader count and your desired mic preamp count, you will have the full power of Harman's legendary brands available at your fingertips.

Soundcraft applies their seasoned EQ knowledge whilst dbx supplies the Gates and Compressors. BSS FCS-960 algorithms power all 31 graphic EQ whilst we turn to Lexicon to provide 4 totally independent effects engines to supplement your sound. Adjustment of these extensive parameters are done via physical controls on a dedicated and comprehensive assignable channel strip. A single option card slot enables connectivity to more mic inputs via a stage box, recording via USB and even advanced networking capabilities via Dante and BLU link options.



Si Performer 1

16 mic preamps
16 faders



Si Performer 2

24 mic preamps
24 faders



Si Performer 3

32 mic preamps
32 faders



24 input channels - 20 Studer preamps - 8 aux/monitor outputs - Multi-channel recording & playback - EQ, dynamics & dbx AFS2 feedback suppression - dbx dynamics and Lexicon effects - RTA - HARMAN Connected PA compatible

SOUNDCRAFT UI24R

24-CHANNEL DIGITAL MIXER/USB MULTI-TRACK RECORDER WITH WIRELESS CONTROL

The Soundcraft Ui24R is a complete, rack-mountable, digital mixing and multi-track recording system that delivers flexible I/O, pristine sound quality, intuitive wireless control, and roadworthy reliability - all in a streamlined design.

The system can double as a stagebox and can be controlled by up to 10 devices via Ethernet or built-in dual-band Wi-Fi, making it possible to control mixing and multi-track recording wirelessly from anywhere in the venue. Renowned Lexicon, dbx and DigiTech signal processing ensures pristine sound, while 20 Studer-designed microphone preamps deliver more professional inputs than any other mixer in its class.



Ui16
16 inputs
6 aux/monitor sends



Ui12
12 inputs
4 aux/monitor sends



JBL VRX900 SERIES CONSTANT CURVATURE ARRAY

Addressing the need for a small format professional sound system, JBL developed the VRX932LA and VRX928LA Constant Curvature Line Arrays for hire and production companies looking for the ultimate in performance and portability. Featuring the performance of high end line arrays in two compact 8" and 12" formats, including a powered option in the 12" format.

VRX900 can be flown, pole mounted or ground stacked providing flexibility along with affordability and outstanding coverage and coherence. Sharing components with the JBL VERTEC® Line Array Series, it is perfectly suited for use in small to medium venues and sound reinforcement projects.



JBL VRX932

12" 2-way line array speaker



JBL VRX928

8" 2-way line array speaker

JBL VRX918S

18" bass-reflex subwoofer

JBL VRX918S

15" bass-reflex subwoofer



JBL VRX915M

15" 2-way stage monitor



JBL SRX800 SERIES

HIGH POWER SOUND REINFORCEMENT WITH NETWORK CONTROL

Available in passive or powered versions, JBL's SRX800 premium portable speakers deliver the best sound quality, power handling, and workmanship in their class. Custom built, industry leading JBL transducers and enclosures give SRX800 the power and ruggedness to stand up to a variety of demanding applications and provide reliable, pristine sound wherever it is needed.

The SRX800 Passive incorporates tunings for Crown amplifiers and dbx signal processors, while the powered versions include DSP, Crown DriveCore amplification and network control.



JBL SRX835 /
SRX835P
15" 3-way



JBL SRX815 /
SRX815P
15" 2-way



JBL SRX812 /
SRX812P
12" 2-way



JBL SRX818S /
SRX818SP
18" subwoofer



JBL SRX828S / SRX828SP
Twin 18" subwoofer

LOUDSPEAKERS



JBL PRX800W SERIES

HIGH POWERED SOUND REINFORCEMENT WITH WIRELESS CONTROL

The JBL PRX800W series is the most advanced PA in its class. Wi-Fi technology and sophisticated DSP give you complete control over system tuning and performance via the free PRX Connect app. An efficient 1500-watt class-D amplifier and patented JBL Differential Drive® technology provide best-in-class power and reduced weight. And the rugged all-wood cabinets feature a redesigned input panel and universal power supply for easy, reliable operation worldwide. Designed to deliver legendary JBL sound for bands, DJs and more, PRX800W represents the next generation in smart live sound reinforcement.

PRX812W

12" 2-way full range
main / monitor



PRX815W

15" 2-way full range
main / monitor

PRX815XLFW

15" extended low frequency
subwoofer

PRX818XLFW

18" extended low frequency
subwoofer

PRX825W

Dual 15" 2-way full
range main system

PRX835W

15" 3-way full range
main system

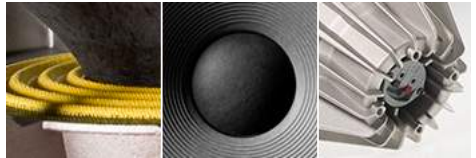
Complete Wireless Control with the PRX Connect App

PRX800W is the first PA system in its class to feature complete wireless control via Wi-Fi. The PRX Connect mobile app for iOS and Android connects wirelessly to every speaker; offering full control over the powerful built-in DSP. Set up, configure and optimize the performance of your live sound system—faster than ever before.



Powerful JBL Sound, Compact Design

With integrated 1500-watt Class-D power amplifiers, PRX800W is the most powerful, efficient system in its class. Patented JBL Differential Drive™ woofer technology reduces magnet mass while increasing power handling, making PRX800W a remarkably lightweight system capable of delivering clear, pristine audio at extraordinarily high volumes.



Tour-Proven Reliability

JBL designed the PRX800W series to perform flawlessly—even on the toughest tours. PRX800W speakers feature durable wooden cabinets, tour-proven DuraFlex™ finish and dent-resistant 16-gauge grilles. And comprehensive testing—including the famous JBL 100-hour power test—ensures reliability in any environment.

Industry-Leading HARMAN Technology

The PRX800W series combines technology from HARMAN's industry-leading live sound brands to deliver unprecedented performance.



CONNECTED PA



HARMAN Connected PA

Connected PA is a complete, integrated system of live sound products that allows musicians and performers at any skill level to quickly and easily get professional results. Connected PA brings together Soundcraft mixers, AKG microphones, dbx stage boxes and JBL speakers that integrate HARMAN ioSYS technology with Connected PA mobile app, which provides one centralized solution for intuitive setup, configuration and control.

JBL EON600 SERIES

AFFORDABLE HIGH QUALITY POWERED LOUDSPEAKERS

More than just another great JBL sound system, the new EON600 is a true step forward in technology developed specifically to deliver the best sound possible regardless of its application.

Completely rethinking how truly good an affordable self-contained, portable PA system can be, JBL engineers purposely designed and built the EON600 from the ground up featuring JBL's advanced waveguide technology, JBL designed and manufactured transducers, and convenient, wireless remote control of its onboard DSP EQ parameters via Bluetooth. This total redesign of the EON platform leverages the latest technologies in cabinet materials, acoustic science, transducer design and user friendliness that delivers the extraordinary quality of a high-end studio monitor in a fully professional, highly flexible, easy to use, portable system for today's working musicians and sound providers.



EON610

10" two-way multi-purpose self-powered speaker

EON615

15" two-way multi-purpose self-powered speaker

EON612

12" two-way multi-purpose self-powered speaker



EON618S

18" self powered subwoofer

JBL EON ONE SERIES ALL-IN-ONE LINEAR ARRAY PA SYSTEMS



The EON ONE and EON ONE PRO bring legendary JBL performance to the all-in-one linear array format.

The EON ONE is the best-performing loudspeaker in its class, owing to a linear array of speakers which are crossed over at 200 Hz to a powerful unobstructed subwoofer. The high-frequency unit uses JBL's patent-pending Directivity Control Geometry which optimizes the spacing and angles of the 6 HF drivers to create extraordinarily even front-to-back coverage, ensuring that everyone in the listening area is hearing the sound accurately.

EON ONE can be easily carried with one hand with all elements stored and transported in the unit itself, eliminating the need for additional bags.



EON ONE PRO

- Lithium-ion rechargeable battery with 6 hour play time
- Max SPL: 118dB (peak)
- Bass: 8" LF bass unit
- Driver: 6x2" HF drivers
- 7 channel mixer with Bluetooth streaming audio, +48V phantom power & pass-thru XLR output
- USB charging port and tablet stand
- Weight 17kg



EON ONE

- Mains powered
- Max SPL: 118dB (peak)
- Bass: 10" LF bass unit
- Driver: 6x2" HF drivers
- 6 channel mixer with Bluetooth streaming audio & stereo monitor outs
- Weight 18.5kg



AMPLIFIERS



CROWN XLS DRIVECORE 2 SERIES

LIGHTWEIGHT AFFORDABLE AMPLIFICATION WITH EXCLUSIVE DRIVECORE TECHNOLOGY

Crown's XLS DriveCore 2 Series amplifiers flexibility includes multiple inputs so you can plug in anything and play anywhere, along with several system setup configurations. The integrated crossovers and switch-mode power supply produce superior sound, and Peakx™ limiters protect your speakers.

^a Class-D amp with ultra-efficient DriveCore

- Speakon® and binding post outputs
- DSP including PeakX™ limiter and PureBand™ crossover
- Protection against short circuit, no-load, on/off thumps and RF interference
- Three year, no-fault, fully-transferable warranty



Crown XLS1002

350W per channel @ 4Ω
215W per channel @ 8Ω
1100W bridge @ 4Ω



Crown XLS1502

525W per channel @ 4Ω
300W per channel @ 8Ω
1550W bridge @ 4Ω



Crown XLS2002

650W per channel @ 4Ω
375W per channel @ 8Ω
2100W bridge @ 4Ω



Crown XLS2502

775W per channel @ 4Ω
440W per channel @ 8Ω
2400W bridge @ 4Ω

CROWN XTi SERIES

There's no debate – when you choose Crown's XTi2 Series, you're choosing one of the most powerful and innovative amplifiers on the market today. That's because the XTi2 Series amps continue to set the standard for unmatched performance and value, delivering the goods night after night without breaking a sweat.

- PeakX Plus™ Limiters provide the ultimate in system performance and protection by allowing full control over threshold, attack, and release
- Enhanced Subharmonic Synth with control over frequency, gain and filter type
- 3 User-defined fan mode controls for matching fan performance to a specific application
- System monitoring provides visibility of AC voltage and power supply temperature
- Integrated cast-aluminum handles for easy handling and enhanced durability
- Locking power cord clip
- HiQnet System Architect™ control software
- 50 User definable presets



Crown XTi1002

700W per channel @ 2Ω
500W per channel @ 4Ω
275W per channel @ 8Ω
1400W bridged @ 4Ω
1000W bridged @ 8Ω



Crown XTi2002

1000W per channel @ 2Ω
800W per channel @ 4Ω
475W per channel @ 8Ω
2000W bridged @ 4Ω
1600W bridged @ 8Ω



Crown XTi4002

1600W per channel @ 2Ω
1200W per channel @ 4Ω
650W per channel @ 8Ω
3200W bridged @ 4Ω
2400W bridged @ 8Ω



Crown XTi6002

3000W per channel @ 2Ω
2100W per channel @ 4Ω
1200W per channel @ 8Ω
6000W bridged @ 4Ω
4200W bridged @ 8Ω

CROWN XLi SERIES

POWERFUL, RELIABLE, AFFORDABLE AMPLIFICATION



XLi Series offer affordable, reliable quality power amplification. All models feature RCA and XLR inputs, Speakon and binding post outputs, stereo/parallel/bridge mode, power/fault/signal/clip indicators, forced air cooling and protection against shorts, no-load, on/off thumps and RF interference.



Crown XLi800

300W per channel @ 4Ω
200W per channel @ 8Ω
600W bridged @ 8Ω



Crown XLi1500

450W per channel @ 4Ω
330W per channel @ 8Ω
900W bridged @ 8Ω



Crown XLi2500

750W per channel @ 4Ω
500W per channel @ 8Ω
2700W bridged @ 8Ω



Crown XLi3500

1350W per channel @ 4Ω
1000W per channel @ 8Ω
2700W bridged @ 8Ω

AKG C636 Master Reference Condenser Vocal Mic



The new AKG C636 is the legendary C535 updated for today's rigorous live performance requirements. Spend a few minutes with the C636, and you'll realize you've never held a mic like this. Its proprietary double shock suspension system provides unparalleled rejection of handling noise. And the C636 doubles-down on keeping your performance flawless by incorporating a state-of-the-art, multi-layer pop noise rejection system that eliminates plosives and a consistent, cardioid polar pattern that eliminates feedback.

Made with hand-selected components and manually tuned for a pure transparent tone, the new C636 retains the spirit of the classic AKG C535 condenser microphone, while being updated to meet the demands of today's top vocal performers.

- **Studio-quality sound**
by keeping the C535 sound untouched, the C636 captures your sound unfiltered and uncompressed like no other mic on the market.
- **Uniform cardioid pattern**
eliminates feedback
- **Proprietary double shock suspension system**
eliminates handling noise
- **Multilayer pop noise protection**
eliminates plosives

AKG C7 Reference Condenser Vocal Mic



The AKG C7 reference handheld condenser microphone delivers premium studio-quality condenser sound and hassle-free operation on any stage. With pristine clarity and sparkling high end, the C7 allows vocals to shine through.

- **Custom-tuned supercardioid condenser capsule**
with high SPL handling
- **Worry-free performance**
with multi-layer pop noise filtering system
- **Mechano-pneumatic shock absorber suspension**
eliminates handling noise
- **Open-space capsule technology**
for reduced feedback and spill
- **Rugged zinc alloy housing**
and spring steel grill

AKG C5 Professional Condenser Vocal Mic



With the C5 professional condenser vocal microphone, your voice will cut through the loudest mix - on any stage. Its cardioid polar pattern ensures maximum gain before feedback and has been optimized for use with in-ear monitor systems. An attachable presence boost adapter offers the unique choice of two sound flavors for a superior audio performance..

- **Delicate cardioid condenser capsule**
for detailed pickup of unique individual acoustic color
- **24-carat gold-plated transducer case**
for maximum resistance to corrosion and humidity
- **Unique presence boost adapter**
offers a choice of two different sound flavors
- **Integrated shock absorber system**
effectively eliminates unwanted handling noises
- **Robust zinc-alloy housing and spring steel grille**
provide extreme ruggedness for a long stage life

AKG D7 Reference Dynamic Vocal Mic



The D7 reference dynamic vocal microphone creates the subtle and open sound of a condenser capsule with the powerful resonance of a dynamic microphone. The patented dual-layer Varimotion diaphragm can vibrate unhindered, which results in an extraordinarily crisp and clean sound. The unique laminated material damps high resonance peaks in the frequency response, which in combination with the tight, supercardioid polar pattern enables the D7's outstanding high gain before feedback.

- **Dual-thickness Varimotion diaphragm**
provides a subtle and open sound in all frequency ranges
- **Highest feedback suppression**
laminated diaphragm material damps critical resonance peaks
- **Integrated hum compensation coil**
for the cleanest sound
- **Precision metal dust filter**
protects the capsule from sound-changing pollution
- **Mechano-pneumatic suspension**
effectively eliminates unwanted handling noises

AKG D5 Professional Dynamic Vocal Mic



The D5 professional dynamic vocal microphone for lead and backing vocals delivers a powerful sound even on the noisiest stage. It is available in frequency-independent cardioid (D5C) or supercardioid (D5) versions to best suit the application and ensure maximum gain before feedback.

- **Patented laminated Varimotion diaphragm**
for crisp sound that cuts through every mix
- **Supercardioid version**
for high feedback suppression and noise rejection on loud stages
- **Cardioid version**
for a wide variety of applications
- **Dual shock mount of microphone capsule**
eliminates any kind of handling noise
- **Integrated pop filter**
for elimination of pops and wind noise
- **Spring-steel wire-mesh grille and die-cast housing**
withstand every live performance

AKG P5i Dynamic Mic with Connected PA Compatibility



The P5i combines a superior capsule, a heavy-duty metal body to withstand tough stage performances, and an integrated windscreen that efficiently eliminates pop and wind noise, with HARMAN's Connected PA capability.

- **High feedback suppression with supercardioid polar pattern**
for trouble-free use with on-stage monitoring
- **Integrated windscreen**
for elimination of pops and wind noise
- **24-carat gold-plated XLR connector**
for optimum conductivity and resistance to corrosion
- **Rugged wire-mesh cap and full metal body**
to withstand every live performance
- **Compatible with HARMAN Connected PA**
for fast setup and optimized sound

CONNECTED PA



HARMAN

MICROPHONES

AKG D12 VR

Reference Large Diaphragm Dynamic Microphone



The D12 VR is a reference large-diaphragm dynamic microphone with cardioid polar pattern. Designed specifically for kick-drum recording applications, the microphone has a thin diaphragm to enhance the low frequency performance. Its warm sound is realized by the original C414 transformer; especially impressive at high signal levels.

The D12 VR features three active filter presets to match its sound shape with the kick drum's character; controlled using a switch on the microphone body. Without phantom power, the microphone operates in passive mode and delivers the instruments pure sound.

- **Original C414 transformer**
delivers a warm sound especially at high levels
- **Ultra thin diaphragm**
for accurate reproduction
- **Cardioid polar pattern**
rejects spill from nearby instruments
- **Optimized bass chamber**
for enhanced low frequency performance
- **Patented switchable active filter**
to match the drum's character

AKG D112 MKII

Dynamic Bass Drum Microphone

The D112 has earned a well-deserved reputation as one of the best bass drum microphones ever made, for its high SPL capability, punchy EQ and bulletproof construction. The D112 MkII features a new integrated flexible mount, while retaining all the sonic strengths that have made it's predecessor the industry-standard.

In addition to being an exceptional bass drum mic on stage and in the studio, the D112 MkII is an excellent choice for miking bass cabinets and trombones.



- **Large diaphragm dynamic mic**
delivers accurate low frequencies
- **Integrated flexible mount**
makes it even more versatile
- **Bass resonance volume chamber**
for unique, punchy sound
- **Integrated hum-compensation coil**
keeps noise to an absolute minimum
- **Industry benchmark mic**
for kick drums and bass cabinets

AKG D40

Dynamic Instrument Microphone

The D40 professional instrumental microphone with its solid all-metal body will stand up to the hardships of night-after-night onstage use. The transducer is protected by a sturdy wire-mesh cap and can take extremely high sound pressure levels with ease.

An integrated stand adapter in combination with the included H440 mounting bracket makes the D40 a highly versatile tool for use on drums, percussion, wind instruments and guitar amps.



- **Dual-thickness Varimotion diaphragm**
provides crisp, powerful sound
- **Highest sound pressure levels up to 156dB**
for extreme situations without any distortion
- **Cardioid polar pattern**
for trouble-free use in narrow stage environments
- **Integrated stand adapter and external bracket**
for easy mounting on drums and mic stands

AKG C414 XLS

Reference Multi-pattern Condenser Microphone



The C414 XLS needs little introduction. It maintains the sonic character of the legendary C414 B-ULS, the most popular AKG C414 version since 1971. Engineered for highest linearity and neutral sound, it has been the most versatile large-diaphragm microphone for decades.

The C414 XLS offers a choice of nine polar patterns for the perfect sonic capture for every application. A peak hold LED displays even the shortest overload peaks. For live-sound applications and permanent installations, all controls can easily be disabled for trouble-free use.

- **Engineered for highest linearity and neutral sound**
for beautifully reproducing any acoustic instrument
- **Nine selectable polar patterns**
for the perfect setting for every application
- **Three attenuation levels (-6,-12,-18dB)**
for close-up micing of high-output sources of up to 158dB SPL
- **Three different switchable bass-cut filters**
to reduce wind noise, subsonic noise or proximity effect
- **Overload warning with audio peak hold LED**
to detect shortest audio peaks



AKG C451 B

Reference Small Diaphragm Condenser

The C451 B is a small-diaphragm condenser microphone with the identical acoustical behavior of its predecessor, the legendary C451 EB + CK1 capsule, which was a bestseller right from the start in 1969.

With its airy sound, high overload limit and improved engineering details, the C451 B continues the success story of this legend. The roadworthy design around the handcrafted capsule and the low-noise preamp electronics ensure impressive results even under very harsh conditions.

- **Sound of the legendary C451 EB + CK1 capsule**
delivers stunning sound quality with maximum accuracy
- **Established tour sound standard**
for excellent sound quality even under harsh on-stage conditions
- **Impressive SPL capability of 155dB**
allows close-miking of high-energy sound sources without distortion
- **Highly effective high-pass filter with 12dB/octave**
prevents low-end distortion caused by rumble or wind noise
- **Transformerless preamp**
provides extremely low distortion, highest reliability and less weight

AKG C214

Large Diaphragm Condenser

The C214 has been designed as a cost-effective alternative to the high-end C414 family.

The C214 combines one capsule of the legendary C414 dual-capsule system and the patented AKG Back-Plate Technology resulting in an outstanding performance close to the famous C414 XLII.



A switchable 20dB attenuation pad allows micing of loud sources of up to 156dB SPL. A switchable bass-cut filter allows close-up capturing with almost no proximity effect.

- **Sonic character of the C414 XLII**
for beautiful detailed reproduction of instruments
- **Outstanding dynamic range and low noise**
for use with sources of up to 156dB SPL
- **Switchable 20dB attenuator and bass-cut**
for close up micing and reduction of proximity effect
- **Integrated suspension**
to reduce mechanical noise and vibration from stage

WIRELESS MICROPHONES



AKG DMS800 Reference Digital Wireless Microphone System

The DMS800 reference digital wireless microphone system is designed to provide accurate signal transmission and reliability in theatres, conferences, live productions and tour sound applications. It is the direct successor of DMS700 V2 and offers everything that made its predecessor an outstanding performer while adding features to deliver more versatility than ever before.

The DMS800 provides two digital audio outputs – for DANTE and AES EBU. The design and mechanics of the DHT800 handheld transmitter have been improved and microphone heads are now interchangeable between AKG D5, D7 and C5 and C636 capsules. An optional adaptor allows Shure wireless heads to be used.

- **150MHz ultrawide frequency range**
ideal for frequency-crowded environments
- **512-bit encryption**
state-of-the-art protection for sensitive audio information
- **Interchangeable microphone heads**
to accommodate the full range styles and applications
- **Analogue and digital audio outputs**
2 x balanced XLR, 2 x unbalanced ¼" jack connectors, AES and DANTE outputs
- **Digital wireless audio transmission**
eliminates any distortion and significant noise level
- **Full range of accessories**
including charging units and antenna systems



C636 Master
Reference
Condenser



C5
Condenser



D7
Reference
Dynamic



D5
Dynamic



WLMA
Shure® adaptor



CU800 Charging
Station

AKG DMS TETRAD

Plug-and-play four-channel Digital Wireless System



The DMSTetrad is a professional digital 2.4GHz license-free wireless microphone system. With 24bit, 48kHz audio, it provides uncompressed studio-quality transmission and a linear frequency response - great for uncompromising vocal and instrumental performances.

The system can be set up very quickly and can be ready to be use in seconds. The DSRTetrad receiver can work with up to four channels of audio in parallel which can be mixed down directly to its balanced XLR sum output. Together with the dynamic frequency selection (DFS), time and antenna diversity function, and the world's first implemented innovative DROCON technology, the system promises to deliver a clean and uncompromising vocal and instrumental performance.

- **2.4GHz Wireless Microphone System**

offers worldwide licence-free operation

- **Outstanding RF Performance**

innovative DROCON technology delivers uncompromising performance

- **Integrated four channel mixer**

Mixes up to four channels directly to one MIX Output

- **Uncompressed audio transmission**

for studio-quality sound

- **Antenna front mounted kit included**

to mount professional RF accessories also in front of the rack

AKG WMS470

Flexible and Expandable Wireless Microphone System

WMS470 is the best choice for a cost-efficient, high-performance multichannel system. Up to 16 channels can be used simultaneously within the same frequency band. The pilot tone prevents the user from unexpected startup noise and it continuously sends transmitter data including low battery information to the receiver.

A revolutionary power management allow up to 14 hours of operation with one AA-size lithium battery. If a NiMH rechargeable battery is used, it can be charged while remaining within the transmitter using the optional CU400 charging station.

- **Compatible with AKG accessories**

for multichannel systems in critical environments

- **14 hours operation with one battery**

lowest operating costs using AA lithium dry battery

- **Pilot tone transmission**

for transmitter battery status and tone code squelch

- **Up to 48 simultaneous channels**

when combining several frequency bands

- **Enhanced automatic setup**

with channel preview, for quick and easy setup

- **AKG D5 and C5 capsules**

dynamic, condenser and beltpack sets



BSS AR133

Industry Standard DI Box

The AR-133 uses an enhanced version of the same audio path as the AR-116, regarded by many people as a reference standard. The sound quality is legendary, particularly on acoustic and bass guitars.

The unit is housed in a rugged aluminium extrusion case, arched to allow cables to run underneath the unit for neat cable management, with robust polyurethane end-cheeks which give the AR-133 a very distinctive, and much copied look.



DBX DI-1

Active Direct Box

The dbx Di1 is a compact high-quality active direct injection box. Built for toughness and reliability, the Di1 has all the features of a fully featured gig-ready workhorse DI unit.

Unlike ordinary direct boxes, the Di1 has embedded HARMAN ioSYS technology which enables it to automatically recognize and configure with the HARMAN Connected PA app and system of products, to take the guesswork out of setting up and getting consistently great sound

CONNECTED PA



DBX DJdi

2-Channel Passive Direct Box

The Djdi easily solves the problem of converting unbalanced signals into balanced output suitable for use with mixers, PAs, recording consoles and more. The continuously variable input signal attenuator can accommodate a wide range of signal levels and its passive design means clean, quiet and uncoloured operation with no power required.



DBX DI4

4-Channel DI / Line Mixer

With four channels, the Di4 easily solves the problem of converting multiple unbalanced signals into balanced output suitable for use with mixers, PAs, recording consoles and more.

The Di4 can function as multi-channel stereo line mixer, allowing you to connect keyboards, samplers and modules into just one rack unit on stage and supply independent XLR balanced outputs to the PA, and set an independent mix for stage monitoring. The Di4 also offers a headphone output.



DBX DRIVERACK



Used and appreciated in every kind of venue, from houses of worship to big-name world tours, the DriveRack series are the most popular loudspeaker management systems.

DBX DRIVERACK VENU360

3-in, 6-out Complete Loudspeaker Management

The VENU360 provides all the processing and flexibility you need between your mixer and amplifiers to optimize and protect your loudspeakers. With the latest advancements in dbx's proprietary AutoEQ™ and AFS™ algorithms, additional input channels, ethernet control via an Android®, iOS®, Mac®, or Windows® device, and updated wizards, the DriveRack VENU360 continues the DriveRack legacy of great-sounding, powerful, and affordable loudspeaker management processors, for a whole new generation.



INPUT PROCESSING

- 3 analogue line inputs
- 2 AES inputs
- dbx Compression
- AFS™ (Advanced Feedback Suppression)
- 31-Band Graphic EQ
- 12-Band Parametric EQ (with narrow notch capabilities)
- Subharmonic Synthesis
- Backline Delay
- Noise Gate

OUTPUT PROCESSING

- Crossover (supports full range up to mono 6-way systems)
- 12-Band AutoEQs (8 AutoEQ bands, 4 User bands)
- dbx Compression
- Automatic Gain Control
- Subharmonic Synthesis
- Noise Gate
- Tower Delays (up to 1000ms per output)
- 8-Band Parametric EQs (used for speaker tunings)
- dbx Limiting
- Driver Alignment Delays

DBX DRIVERACK PA2

2-in, 6-out Loudspeaker Management



INPUT PROCESSING

- dbx Compression
- AFS™ (Advanced Feedback Suppression)
- Graphic EQ
- 8-Band Parametric EQ (adjusted when using the AutoEQ)
- Subharmonic Synthesis

OUTPUT PROCESSING

- Crossover (supports full range, 2-way, and 3-way systems)
- 8-Band Parametric EQs (used for speaker tunings)
- dbx Limiting
- Driver Alignment Delays



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