



# AX SERIES



STEP UP TO HI-FI

THE AX SERIES

AXA25 INTEGRATED AMPLIFIER + AXC25 CD PLAYER







## Cambridge Audio. For People Who Listen.

Music lovers around the world are missing out.

Poor quality sound systems are everywhere, polluting our world with noise. We're forced to accept bad sound experiences as the norm, which means there are moments in your music, ideas from your favourite artists, that you've never felt in full.

Cambridge Audio want to save the world from poor sound. We want you to hear your music at it's very best, as the artist intended it to be heard, with nothing added, nothing taken away. That's what we've always wanted because that's what music lovers like us deserve. It's why we're constantly experimenting, solving problems and creating new kit. It's why we've been doing what we do for the last 50 years. It's why we're always trying to make the listening experience better.

However you listen, whatever your budget, our goal is simple: Give you the best possible sound, at the fairest possible price.

# AX SERIES

At Cambridge Audio, we believe that music should never be an afterthought. Never sidelined, never just 'background noise'.

The new AX Series pairs high quality with outstanding value for money and is the perfect way for the Hi-Fi curious to build their first separates system.

Taking design cues from our award-winning Edge and CX ranges, we engineered the AX components to be a straightforward introduction to Great British Sound.





# YOUR HI-FI JOURNEY STARTS HERE.

THE AX SERIES CONSISTS OF AMPLIFIER, STEREO RECEIVER AND CD PLAYER OPTION

**AXA25**  
INTEGRATED AMPLIFIER



**AXA35**  
INTEGRATED AMPLIFIER W/ BUILT-IN PHONO-STAGE



**AXR85**  
FM/AM STEREO RECEIVER



**AXR100**  
FM/AM STEREO RECEIVER



**AXC25**  
CD PLAYER



**AXC35**  
CD PLAYER



# AX SERIES: SPECIFICATION & STEP-UPS



INTEGRATED  
AMPLIFIER  
  
AXA25



INTEGRATED  
AMPLIFIER  
  
AXA35



FM/AM STEREO  
RECEIVER  
  
AXR85



FM/AM STEREO  
RECEIVER  
  
AXR100

POWER PER CHANNEL	25W (8 OHMS)	35W (8 OHMS)	85W (8 OHMS)	100W (8 OHMS)
ANALOGUE INPUTS	4 x RCA	4 x RCA	3 x RCA	3 x RCA
OPTICAL INPUTS	×	×	×	2
COAXIAL INPUTS	×	×	×	1
REC OUT	✓	✓	✓	✓
MM PHONO STAGE	×	✓	✓	✓
WHITE DISPLAY SCREEN	×	✓	✓	✓
3.5MM AUX-IN	✓	✓	✓	✓
HEADPHONE OUTPUT	×	✓	✓	✓
SUBWOOFER OUTPUT	×	×	✓	✓
A/B SPEAKER TERMINALS	×	×	✓	✓
5V 50mA USB POWER PORT*	✓	✓	×	×
FM/AM RECEIVER	×	×	✓	✓
RDS	×	×	✓	✓
BLUETOOTH	×	×	✓	✓
REMOTE CONTROL	×	✓	✓	✓







CD PLAYER

AXC25



CD PLAYER

AXC35

DAC	WOLFSON WM8524	WOLFSON WM8524
MULTIFORMAT PLAYBACK	✓	✓
ANALOGUE RCA OUTPUT	✓	✓
S/PDIF OUTPUT	✗	✓
GAPLESS PLAYBACK	✓	✓
REMOTE CONTROL	✓	✓

\*5V 50MA POWER-ONLY USB PORT (TO POWER BLUETOOTH RECEIVER)









# AXA25

## INTEGRATED AMPLIFIER

Offering 25 watts of power per channel in a great value package, the AXA25 features a 3.5mm aux input on the front for smartphones and four analogue inputs on the back panel for connecting all your sources.

Full technical specifications on **page 10**



AXA25 FRONT



AXA25 REAR

# AXA35

## INTEGRATED AMPLIFIER W/ BUILT-IN PHONO-STAGE

The AXA35 boasts 35 watts of power per channel, an integrated moving magnet phono stage for turntable enthusiasts, a white display screen, and a 6.3mm headphone socket for private listening sessions.

Full technical specifications on **page 11**



The AXA35 is a great budget buy and you'll struggle to find a more confident sounding stereo amp for the money

- WHAT HI-FI?



AXA35 FRONT



AXA35 REAR

# AXR85

## FM/AM STEREO RECEIVER

The AXR85 boasts 85 watts of power, a built-in phono stage for connecting record players with Moving Magnet cartridges, a front panel 3.5mm input for iPod/MP3 players, built-in FM/AM radio with RDS and 30 pre-sets and four analogue inputs for connecting all your music, AV and audio sources. In addition, the built-in Bluetooth receiver allows you stream your favourite music from your smartphone, tablet or PC.

Full technical specifications on **page 12**



AXR85 FRONT



AXR85 REAR

# AXR100

## FM/AM STEREO RECEIVER

The most powerful amplifier in the AX range offers a massive 100 watts per channel, a dedicated subwoofer speaker output for improving bass and two sets of speaker outputs. It also features analogue inputs, digital inputs, a phono stage, an FM/AM receiver with RDS and a 3.5mm input. In addition, the built-in Bluetooth receiver allows you stream your favourite music from your smartphone, tablet or PC.

Full technical specifications on **page 13**



AXR100 FRONT



AXR100 REAR











# AXC25 & AXC35

## CD PLAYERS

The AXC25 and AXC35 are versatile, gapless playback CD players featuring a high-quality digital to analogue converter (DAC), to convert the digital information stored on a CD into an analogue sound signal. This premium component will draw extra depth and detail from your music. Both models will also play home recorded CD-R, CD-RW and CD-ROM discs with MP3 and WMA files on them.

Full technical specifications on **page 14 & 15**



AXC25 FRONT



AXC25 REAR



AXC35 FRONT



AXC35 REAR

# AXA25



POWER OUTPUT	25 watts (into 8Ω)
THD (UNWEIGHTED)	<0.015% @ 1kHz, 80% of rated power <0.15% 20Hz – 20kHz, 80% of rated power <0.1% 20Hz – 20kHz @ 10W
FREQUENCY RESPONSE (-3DB)	(-3dB) 10Hz - 30kHz
S/N RATIO (REF 1W)	>82dB (unweighted)
INPUT IMPEDANCES	32k ohms
MAX. POWER CONSUMPTION	180W
BASS/TREBLE CONTROLS	Shelving, ultimate boost/cut +/- 5.5dB @ 20Hz and 20kHz
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (H X W X D)	83 x 430 x 340mm (3.3 x 16.9 x 13.4")
WEIGHT:	5.1kg (11.2lbs)



# AXA35



POWER OUTPUT	35 watts (into 8Ω)
THD (UNWEIGHTED)	<0.01% @ 1kHz, 80% of rated power <0.15% 20Hz – 20kHz, 80% of rated power
FREQUENCY RESPONSE (-3DB)	5Hz – 50kHz
S/N RATIO (REF 1W)	>82dB (unweighted)
INPUT IMPEDANCES	47k ohms
POWER AMP DAMPING FACTOR	>50
MAX. POWER CONSUMPTION	260W
BASS/TREBLE CONTROLS	Shelving, ultimate boost/cut +/- 10dB @ 100Hz and 10kHz
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (H X W X D)	83 x 430 x 340mm (3.3 x 16.9 x 13.4")
WEIGHT	5.6kg (12.3lbs)

# AXR85



POWER OUTPUT:	85 watts (into 8Ω)
THD (UNWEIGHTED):	<0.01% @ 1kHz, 80% of rated power <0.15% 20Hz - 20kHz, 80% of rated power
FREQUENCY RESPONSE (-3DB):	5Hz – 50kHz
S/N RATIO (REF 1W):	>82dB (unweighted)
INPUT IMPEDANCES:	47k ohms
POWER AMP DAMPING FACTOR:	>50
MAX. POWER CONSUMPTION:	500W
STANDBY POWER CONSUMPTION:	<0.5W
BASS/TREBLE CONTROLS:	Shelving, ultimate boost/cut +/- 10dB @ 100Hz and 20kHz
BANDS (EUROPE):	AM (522-1629kHz), FM (87.5-108MHz)
BANDS (US):	AM (530-1710kHz), FM (87.5-108MHz)
AERIAL INPUTS:	FM 75 ohms, Coaxial, AM 300 ohms wire loop/single wire.
DIMENSIONS (H X W X D)	110 x 430 x 340mm (4.3 x 16.9 x 13.4")
WEIGHT:	8.1kg (17.8lbs)



# AXR100



POWER OUTPUT:	100 watts (into 8Ω)
THD (UNWEIGHTED):	<0.01% @ 1kHz, 80% of rated power <0.15% 20Hz - 20kHz, 80% of rated power
FREQUENCY RESPONSE (-3DB):	5Hz – 50kHz
S/N RATIO (REF 1W):	>82dB (unweighted)
INPUT IMPEDANCES:	47k ohms
POWER AMP DAMPING FACTOR:	>50
MAX. POWER CONSUMPTION:	500W
STANDBY POWER CONSUMPTION:	<0.5W
BASS/TREBLE CONTROLS:	Shelving, ultimate boost/cut +/- 10dB @ 100Hz and 20kHz
BANDS (EUROPE):	AM (522-1629kHz), FM (87.5-108MHz)
BANDS (US):	AM (530-1710kHz), FM (87.5-108MHz)
AERIAL INPUTS:	FM 75 ohms, Coaxial, AM 300 ohms wire loop/single wire.
DIMENSIONS (H X W X D)	110 x 430 x 340mm (4.3 x 16.9 x 13.4")
WEIGHT:	8.1kg (17.8lbs)

# AXC25



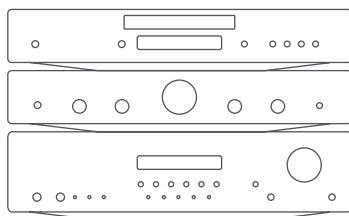
DAC	Wolfson Microelectronics WM8524
FILTER	2-pole Butterworth filter
FREQUENCY RESPONSE (+/-0.4DB)	20Hz - 20kHz
THD @ 1KHZ 0DBFS	<0.006%
S/N RATIO, A WEIGHTED	>93dB
CROSSTALK @1KHZ	<-95dB
CROSSTALK @20KHZ	<-95dB
OUTPUT IMPEDANCE	<50 ohms
MAXIMUM POWER CONSUMPTION	15W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (H X W X D)	75 x 430 x 305mm (3.0 x 16.9 x 12.2")
WEIGHT	4.3kg (9.5lbs)



# AXC35



DAC	Wolfson Microelectronics WM8524
FILTER	2-pole Butterworth filter
FREQUENCY RESPONSE (+/-0.4DB)	20Hz - 20kHz
THD @ 1KHZ 0DBFS	<0.006%
S/N RATIO, A WEIGHTED	>93dB
CROSSTALK @1KHZ	<-98dB
CROSSTALK @20KHZ	<-95dB
OUTPUT IMPEDANCE	<50 ohms
MAXIMUM POWER CONSUMPTION	15W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (H X W X D)	75 x 430 x 305mm (3.0 x 16.9 x 12.2")
WEIGHT	4.3kg (9.5lbs)



[CAMBRIDGEAUDIO.COM/AX](https://www.cambridgeaudio.com/ax)