SG Audio Visual Ai Series
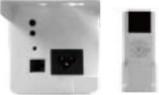# Commercial Grade
Electric Screens

Suitability

The Ai Series is suitable for indoor office, meeting room and home theatre use.

The Ai Series is available in the latest widescreen 16:9 (home theatre) and widescreen 16:10 (office multipurpose) formats. Sizes range from 2m wide to 3m wide. Special sizes, surfaces and formats are available by special order.

Features

Ai Series screens use high quality fiberglass Matte White screen surfaces and tube motors. These screens feature a quality weight bar and commercial grade fabric for a flatter screen surface and to be resistant to stretching.

The SG Professional Ai Series features intelligent control and may be operated via a wireless remote control or wireless wall switch. Options for wired wall switch and IR control are also available. It may also be operated from a control booth via the optional wired low voltage control.

Warranty and Spare Parts

1 year repair/exchange warranty against defects in materials & workmanship. Spare parts are maintained in our Australian warehouse. An extended 3 year warranty is available separately.

Office Use

The Ai Series comes in the latest 16:10 multi-purpose office screen format which matches perfectly with current widescreen PCs, notebooks and WXGA / WUXGA projectors.

The A range has sizes for small meeting rooms through to the boardroom.

Home Theatre

The Ai Series fully supports high definition projectors and the home theatre 16:9 standard. Its commercial grade screen surface, quiet electric motor and remote make this a smart choice for the home theatre room or lounge room.

School Halls, Churches & Function Rooms

We recommend the EAi Series of screens for larger areas. These are available in 3.6m and 4.2m widths and are described fully in a separate brochure.

Associated Products

SG Audio Visual offer a matching series of electric projector lifts and projector mounts. Please ask us about our range of high-output cinema speakers to complete the installation. We even offer a range of amplifiers and receivers.

Technical Specifications

Screen Surface

Colour	Matte White Fiberglass
Backing	Lightproof black backing.
Gain	The screen has a gain factor of 1.1

Housing and Motor

Housing Type	Rectangular Case
Housing Colour	White
Motor	Tube Motor
Power	Located on Right Hand Side. Connect to standard Australian Power

Control System

Type	RF Controller
Remote Control	Wireless with Up/Down/Stop Control
Wall Switch	Wireless with Up/Down/Stop Control
Battery	Replaceable Batteries

The control system is RF which may be changed to IR or to a flexible low voltage system for connection to wired wall switches and control systems.

Spares and Related Options

SGAITRIGGER	Ai Series Remote trigger cable kit
SGAIIRKIT	Ai Series Infrared controller kit.
SGAISWITCH	Ai Series Wired Wall switch.

SGMOTORTUBE	Ai Series Standard Screen Tube Motor
SGSL100 Lift	SG Professional SL Series 1m Projector
SGMP813W drop	SG White Ceiling Mount up to 0.9m
SGPE3YR1	Additional 2 years warranty on Ai Series 1.6m-2.4m wide screens (all formats)
SGPE3YR2	Additional 2 years warranty on Ai Series 2.5m-3.0m wide screens (all formats)
SGWB03	23cm Sliding Wall brackets
SGWB04	55cm Sliding Wall brackets
SGWB05	75cm Sliding Wall brackets

Screen Sizes

Format	Model	Diagonal Size (in)	Width including Border (cms)	Height (drop) (cms)	Border (cms)	Housing Length (cms)	Housing Height (cms)	Housing width (cms)	Top Black Leader (cms)	Weight (kgs)
Home (16:9)	SGPEW200i	90	200	112.5	5	214.6	6.9	6.9	50	14.2
	SGPEW220i	99	220	123.8	5	232.3	8.9	8.9	50	15.2
	SGPEW240i	108	240	135	5	252.3	8.9	8.9	50	18.0
	SGPEW260i	117	260	146.3	5	272.3	8.9	8.9	50	19.5
	SGPEW280i	126	280	157.5	5	292.3	8.9	8.9	50	21.0
	SGPEW300i	136	300	168.8	5	312.3	8.9	8.9	50	22.5
Office (16:10)	SGPEH200i	93	200	125.0	5	214.6	6.9	6.9	50	14.2
	SGPEH220i	102	220	137.5	5	232.3	8.9	8.9	50	15.2
	SGPEH240i	111	240	150	5	252.3	8.9	8.9	50	18.0
	SGPEH260i	121	260	162.5	5	272.3	8.9	8.9	50	19.5
	SGPEH280i	130	280	175	5	292.3	8.9	8.9	50	21.0
	SGPEH300i	139	300	187.5	5	312.3	8.9	8.9	50	22.5

Please note that these specifications are subject to change without notice.