



Our Vision is National Audio Visual Excellence

***Delivering World Class
Professional Audio Visual
and Communication
Solutions Across
Australia Every Day***

Your Gateway to Audio Visual Excellence



Your Gateway to Audio Visual Excellence

National Audio Visual Coverage

Navigate is a select group of Australia's leading AV professionals formed as a national partnership in 1999 and operating under the banner of "Navigate National Audio Visual".

The Navigate partner companies are all noted for their common thread of excellence, in the world of advanced audiovisual, communication and control system integration, and are delivering daily to customers across Australia, powerful, leading edge, easy-to-use and cost effective audiovisual solutions.

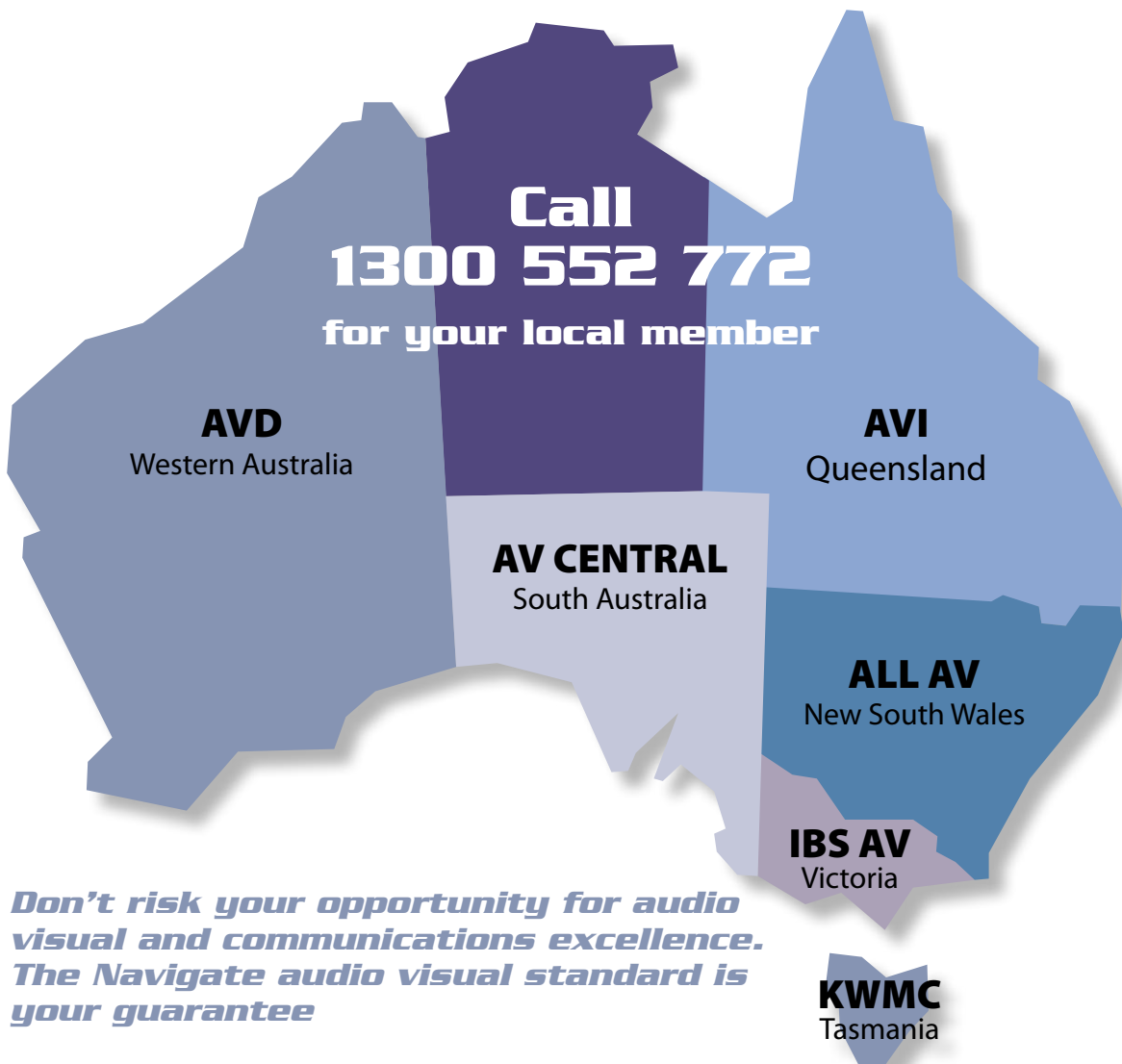
National Audio Visual Standardisation

Guarantee your end result on a National level.

Each Navigate member has signed and abides by a code of conduct which includes the Navigate National Audio Visual Standard based on industry best practices and our vision of excellence .



These strict standards upheld by all Navigate partners ensure every last detail of your next AV role out are not only consistent at a national level, but also of the highest possible standard within the audio visual and communications industry.



Don't risk your opportunity for audio visual and communications excellence. The Navigate audio visual standard is your guarantee

Your Gateway to Audio Visual Excellence

What Navigate Means to You?

- We provide you with a gateway to professional National Audio Visual and communication solutions across Australia every day.
- We provide you 250 years of combined engineering expertise allowing us to deliver to you audio visual best practices that lead the industry.
- We offer you the benefit that only a Navigate Audio Visual Standard can provide. Only Navigate has written a standard that brings together National Audio Visual and communications best practices.
- You receive the benefit of our combined experience continuously evaluating the latest products and technology. This allows us to provide a broader scope of solution based ideas for you.
- We will educate you on the technology available, keeping you informed and abreast of the continual changes that occur.
- We travel globally meeting with our leading edge technology and product suppliers. This allows us to provide you with market competitive pricing across the range of products required to deliver integrated audio visual and communication solutions.

How do we Work with You?

All members are trained to guide you along one of Navigates modes of interaction. From simple to comprehensive we have a mode of interaction to suit your needs.

We have extensive systems and procedures covering step by step operation.

These are essential to ensure we exceed your business and technical expectations.

Please ask your local member to step you through and explain the processes we follow of how we can guarantee a consistent result for you time after time.

Ensure your next installation has the stamp of approval



**NAVIGATE
GROUP**

Your Gateway to Audio Visual Excellence

What do the Navigate Members Look Like?

Queensland

Member: **Advanced Video Integration Pty Ltd**
 ABN: **58 723 326 991**
 Address: **Unit 1 / 8 Camford St, Milton 4064**
 p: **(07) 3367 3300**
 f: **(07) 3367 3310**
 e: **avsales@advancedvideo.com.au**
 web: **www.advancedvideo.com.au**
 Founded: **1995**
 Director/s: **Philip Holtum**
 Markets: **Corporate, University,
Private and Public education
Government**



New South Wales

Member: **ALL AV Pty Ltd**
 ABN: **45 069 960 569**
 Address: **Unit 59, 42-46 Wattle Road,
Brookvale. NSW 2100**
 p: **(02) 8978 1700**
 f: **(02) 9907 2077**
 e: **sales@allav.com.au**
 web: **www.allav.com.au**
 Founded: **1995**
 Director/s: **Anthony Jeffcoat**
 Markets: **Corporate, University,
Private and Public education
Government**



All Audio Visual

Victoria

Member: **IBS Audio Visual Pty Ltd**
 ABN: **61 007 012 544**
 Address: **43 Dalgety Street Oakleigh 3166**
 p: **(03) 9568 2800**
 f: **(03) 9568 4555**
 e: **sales@ibsav.com.au**
 web: **www.ibsav.com.au**
 Founded: **1988**
 Director/s: **Ian Ward**
 Markets: **Corporate, University,
Private and Public education
Government**



Member: **IP Focus Pty Ltd**
 ABN: **19 122 240 984**
 Address: **6 Ferguson Street Abbotsford 3056**
 p: **(03) 9012 0477**
 f: **(03) 8456 6212**
 e: **sales@ipfocus.com.au**
 web: **www.ipfocus.com.au**
 Founded: **2006**
 Director/s: **Garvan Long, Anthony Pitt**
 Markets: **Corporate, University,
Private and Public education
Government**



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What do the Navigate Members Look Like?

Tasmania

Member: **KWMC K W McCulloch Pty Ltd**
ABN: **26 009 482 115**
Address: **6 Letitia Street North Hobart 7000**
p: **(03) 6230 8938**
f: **(03) 6231 4992**
Address: **28 Thistle Street Launceston**
p: **(03) 6336 6999**
f: **(03) 6343 1847**
e: **sales@kwmc.com.au**
web **www.kwmc.com.au**
Founded: **1959**
Director/s: **Ronald Easther**
Markets: **Corporate, University,
Private and Public education
Government, CCTV**



K W McCulloch Pty Ltd
Since 1959

Interlinking Technologies

South Australia

Member: **AV Central**
ABN: **30 008 141 124**
Address: **41 Magill Road, Stepney 5069**
p: **(08) 8124 7777**
f: **(08) 8124 7771**
e: **sales@av-central.com.au**
web **www.av-central.com.au**
Founded: **1988**
Director/s: **Kylee Naglost,
Morris Davidson & Kym Rogers**
Markets: **Corporate, University,
Private and Public education
Government, Home, Broadcast, CCTV**



Western Australia

Member: **Advanced Visual Design**
ABN: **68 912 911 360**
Address: **28 Teddington Road Burswood 6100**
p: **(08) 9470 2655**
f: **(08) 9470 2955**
e: **queries@advancedvisualdesign.com.au**
web **www.advancedvisualdesign.com.au**
Founded: **1995**
Director/s: **Ross Sawatzky & Ian Wornes**
Markets: **Corporate, University,
Private and Public education
Government, Home, Broadcast, CCTV**



NAVIGATE
GROUP

Your Gateway to Audio Visual Excellence

Systems and Procedures to make sure YOU get the same Excellent Result Every Time

Why you should choose Navigate?

- ✓ You receive the benefit of members that abide by a National standard covering audio visual best practises.
- ✓ With 160+ full time engineering team members. We can guarantee your project is properly resourced ensuring your solution time frame is achieved.
- ✓ You receive a copy of your system commissioning results. These procedures ensure your National projects are operating exactly as designed.
- ✓ You receive access to “Navigate AV Assist” our National customer care assistance program and help desk.


What does a National Audio Visual Standard do for you?

- ✓ When the Navigate group started one of the first things that became evident was the absence of an industry audio visual standard that would ensure you receive the same result every time.

- ✓ For assistance in generating a standard that all members agree to operate under, we turned to infoComm International®. We based our training on their comprehensive programs. We encourage you to visit the infoComm web site at www.infocomm.org
- ✓ Locally in Australia we developed our own Audio Visual Installation and Engineering standard. We call it the Navigate National Audio Visual Standard.

How can you be sure your installation has been carried out in line with a standard based on industry best practices?

- ✓ The build commission form guarantees all aspects of your installation have been “built” correctly.
- ✓ Every one of your rooms and systems will be checked by our engineering team with a build commission form being provided to you.



BUILD COMMISSION FORM

Room <small>enter room name here</small>	P or F	Comment
Wall Plates		Are input plates level neat and clean
Duct Work		Is it level, straight and clean. No gaps showing.
Termination		Are all termination insulated, neat and tidy.
Rack Tidy & Clean		Cables loomed, looming bars and power supply shelf's used, cables labelled, power controller, ventilation, segregation, dust and dirt free, panel installed.
Cable Sock		Used on all visible cables
Rack Loom		Segregation used
Cables Labelled		To match as built documentation. Can equipment be removed and the label will tell you where to connect cable when reinstallation happens.
Equipment Labelled		Amplifier and Switchers to allow operation via controls.
Mounting Hardware		100% structurally sound. No exceptions EVER!
Keystone H & V		Readings = 0? Record readings. Explain use if required.
Site Clean		Rubbish removed
Operational Mechanical		Screens, lifts, blinds, lights, PIR, reads etc.
Operational Display		VDP, LCD's, Plasma all sources checked via display.
Operational Sound		All speakers have sound from all sources.
Manual Operation		Manual operation achieved (control system tested by others)
Stickers		Installed in suitable tasteful locations
Serial Numbers		100% gathered. No Exceptions
Manuals		Signed for by client or returned to head office.
Remotes		Location labelled on remote. Remote attached via velcro to equipment. Signed for by client or returned to head office.
Outstanding Work <small>List any outstanding work point by point</small>		
AVC Action <small>List follow up items that Audio Visual Consultant will need to follow up. Remember the AVC returns to EVERY job.</small>		
	Name	Date
AV representative		Signature
Client representative		

1300 552 772 FOR YOUR NEAREST MEMBER



Are you Receiving 100% what You Paid For?

Navigate National Standardisation

We don't want to bore you with pages of forms but we believe you need to know that they are required and we follow them to ensure you receive 100% what you paid for.

Did you know the Navigate Standard consists of over 30 such test sheets and growing.

Will your next audio visual system meet the Navigate Audio Visual and Communications Standard.

TEST SHEET FOR VCR-DVD UNIT

NAVIGATE GROUP

Device	DVD VCR COMBO
Brand	Samsung
Model	DVDP-5600
Serial #	xxxxxxxxxx
Location	AV Rack

Test Equipment	Extron Essentials Test Disc
DVD L	Pre recorded
VCR Control	Left velcroed to unit with batteries

0 = Operational
UI = Control via user interface

Function	0	UI	Comments
MATV / Aerial Transport			
Play	Y	Y	
Stop	Y	Y	
Pause	Y	Y	
Rewind	Y	Y	
Fast Forward	Y	Y	
Enter	Y	Y	
Skip Fwd	Y	Y	
Skip Rev	Y	Y	
Channel Up	Y	Y	
Channel Down	Y	Y	
Menu	Y	Y	
Keypad 0 to 9	Y	Y	
Menu Up	Y	Y	
Menu Down	Y	Y	
Menu Left	Y	Y	
Menu Right	Y	Y	
FTA 0	Y	Y	
FTA 2	Y	Y	
FTA 7	Y	Y	
FTA 9	Y	Y	
FTA 10	Y	Y	
IR Sticker	Y	Y	
Display Medium			
Video	Y		
S-Video	N		
Component	N		
VGA 15 pin HD	N		
RGBHV	N		
DVI	N		
HDMI	Y		
Image / Focus	Y		
Ghosting or Jitter	Y		
RS232	N		
TP Preview	N		
Sound			
FOH Left	Y		
FOH Right	Y		
Confirm Stereo	Y		
Polarity Left	Y		
Polarity Right	Y		
Ceiling	Y		
Polarity	N		
Phase	Y	Y	
Volume Up	Y	Y	
Volume Down	Y	Y	
Mute	Y	Y	
Source levels equal	Y	Y	



TEST SHEET FOR AUDIO SYSTEM PLOT

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Device	Audio System Plot
Brand	Systems
Model	Systems
Serial #	NA
Location	Room 6

Test Equipment	Acoustifizer test CD via Laptop
Audio Source	NTI AL1 Acoustifizer
Measurement device	MiniSPL IED61672
Microphone	1200mm APFL
Room Height	

Polarity Test:

*CD Polarity track 4 playing at Reference level of min +70dB
*Measured 100mm from Each individual speaker

Ambient Room Noise:

Attn: on no audio from systems Plot Number A Weighted Room EQ

Range	+30dB to +45dB	Range of zone	+35dB
			629

Pink noise track 8 playing at Reference level of min +70dB

Scale 30-100dB	SPL-1	FOH L	FOH R	Ceiling
	SPL-2	630	634	639
	SPL-3	631	635	638
	SPL-4	632	636	639

Measurement Frequency: Sweep on CD track, listen for buzz from environment

SPL Measurement locations:

Example of required level:

Example of level and EQ:

Example of Phase test:

Our test and commission sheets are designed to make sure your system actually works.

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