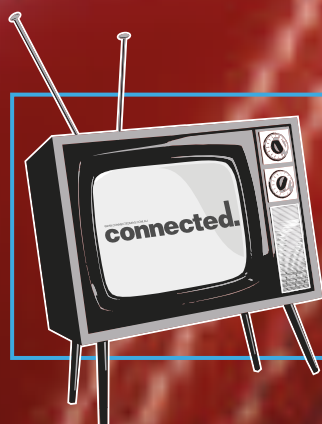


WWW.CONNECTEDMAG.COM.AU

connected.



MOST
POPULAR
AWARDS
2022

WHAT A WICKET COMPETITION!

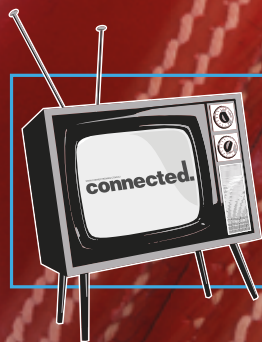
**BRANDS BATTLE IT OUT
FOR TOP AWARDS**

CEDIATM
MEDIA PARTNER

OCTOBER 2022

INSIDE:

REVISITING INTEGRATE 2022
DEMYSTIFYING HDMI CHANGES
THE DOS AND DON'TS OF APIS



**MOST
POPULAR
AWARDS
2022**

A STRONG INNINGS IN WICKET COMPETITION

OVER 500 MEMBERS OF THE AUSTRALIAN AND NEW ZEALAND SYSTEMS INTEGRATION MARKET HAVE HAD THEIR SAY ON THIS YEAR'S CONNECTED MOST POPULAR AWARDS. ANNA HAYES TAKES A LOOK AT THIS YEAR'S RESULTS.

It's that time of year again - time to pour a drink and pore over the list of winners in this year's Most Popular Awards.

Over 500 people cast their vote this year, in almost 60 different categories and, as always, there has been some interesting movement in preferences over the past 12 months.

With a level of uncertainty still reigning last year, there was a number of interesting results - some of those have remained as talking points this year, others have reset somewhat to pre-pandemic expectations and predictions.

While there are a number of a fresh or returning winners this year, there is also plenty of familiarity as there are four categories recording 11 wins in a row this year, showcasing a remarkable level of dominance.

There are other impressive streaks throughout: a couple of three, four, six and sevens in a row are also scattered through the results.

Amber Technology enjoys a clean sweep of the industry awards, its third-in-a-row, while Ness also makes it three-in-a-row in the Most Popular Manufacturer category.

As in other years, I will point out that these awards are decided by popular vote and are designed to recognise the brands that those in the industry choose as their go-to options. They are not reflective of market share, functionality, etc.

Finally, there is a new winner to add to the Most Influential Person hall of fame - Women In AV Australia's founder, Toni McAllister, has taken out the top award this year in what was a particularly competitive field.

Congratulations to all winners and continued success to all winners and nominees in the future.

| | | | | |
|-----------------|------------|----------|---------|----------------|
| PAGE 13 | PAGE 16 | PAGE 18 | PAGE 21 | PAGE 22 |
| INDUSTRY AWARDS | AUDIO | VIDEO | CONTROL | INFRASTRUCTURE |
| PAGE 24 | PAGE 25 | PAGE 25 | PAGE 26 | PAGE 26 |
| COMMUNICATIONS | ELECTRICAL | SECURITY | TOOLS | FURNITURE |

Most Influential Person

INDUSTRY AWARDS



Striving for diversity in the AV industry, this year's Most Influential Person Award goes to Toni McAllister, founder of the Women in AV Australia group.

Toni's pathway into the industry was somewhat circuitous as she started out working in film and TV as a camera operator, having completed a Bachelor of Business. After taking time off to travel the world, she found herself branching into AV on her return to Australia, a more secure and consistent career.

Over the years, Toni has worked across various sectors including starting out in education before moving into live event production where the innovation and evolution of technology has been vast.

Throughout this time, two things stuck out to Toni - the persistent skills shortages, and the lack of diversity, particularly in the area of female representation in the industry.

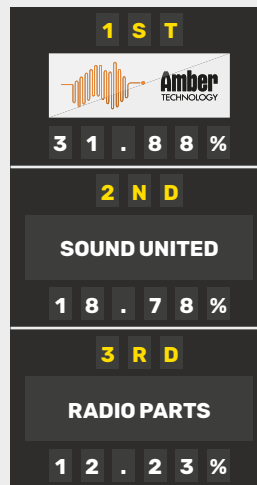
Toni recognised a potential opportunity to address both issues and set up the Women in AV Australia group to promote diversity, to encourage more women to look to AV as a career option and, in doing so, help address the skills shortage issue as well.

The group's motto is: 'Can't see, can't be', but Toni is working towards a day when the group no longer needs to exist because diversity will be achieved and embraced.



Residential Distributors

INDUSTRY AWARDS



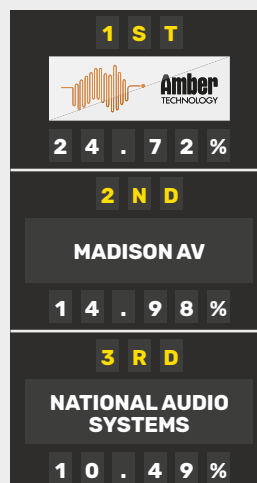
Amber Technology

Amber has made it four-in-a-row this year with a big increase in vote share. Radio Parts returns to the board this year, securing third place but there's a lot of movement otherwise as more than half of last year's listed distributors have dropped off the board. Ivory Egg returns to share sixth place with Avation (third last year); Westan, SnapOne and AV Supply Group also climb the ranks this year.

4th QualiFi - 10.04%
5th Canohm - 9.61%
= 6th Avation, Ivory Egg - 9.17%
8th Westan - 8.73%
9th SnapOne - 8.30%
= 10th Altronic Distributors, AV Supply Group - 6.11%

Commercial Distributors

INDUSTRY AWARDS



Amber Technology

It's a hat-trick for Amber as, again, it increases its vote share but there's interesting movement below the top spot. Madison AV climbs from fifth to second while National Audio Systems features for the first time in third. Midwich returns to the board, as does Corsair and Westan but there's no space for NAS Australia (second last year) or CSD (11th). Altronic, Canohm and Ness have all increased their vote share.

4th Audio Visual Distributors - 10.11%
5th Altronic Distributors - 8.99%
6th Corsair - 7.49%
7th Westan - 7.12%
= 8th Canohm, Jands - 6.37%
10th Ness - 5.62%

Most Popular Manufacturer

INDUSTRY AWARDS



Ness

It's a hat-trick for the NSW-based company as it has, once again, won the Most Popular Manufacturer award.

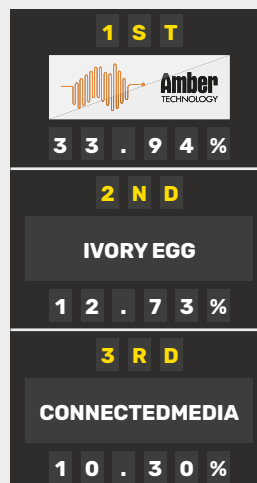
Founded by brothers Naz and Larry Circosta in 1972, NESS began as an alarm installation company with Naz managing the technical side of the business and Larry looking after admin and sales. They were later joined by their sister Mary, brothers John and Tony and, later again, Naz's son Elian.

The company subsequently focused heavily on security systems and ended up attracting interest from other installers and clients.

Ness's product range includes all of today's security industry and home lifestyle technologies from alarm panels to lighting control

NZ Distributors

INDUSTRY AWARDS



Amber Technology

Once again, it's a clean sweep for Amber, for the third year in a row. Ivory Egg has rallied well to go from joint fifth to second this year while ConnectedMedia holds onto third place. Last year's runner-up, Avation, drops to sixth while AVD returns to the board in joint tenth with Midwich. Digital World returns to the listings, sharing seventh place. Wildash and the Mayo Group are the casualties this year.

4th AV Supply Group - 9.70%
5th Sound Group Holdings - 7.27%
6th Avation - 6.67%
= 7th Digital World, Pacific AV - 6.06%
9th NFS - 5.45%
= 10th AVD, Midwich - 4.85%

DIVERSITY KEY TO TONI'S MISSION

SETTING UP AN ORGANISATION IN THE HOPE THAT IT WON'T BE NEEDED IN THE FUTURE IS A UNIQUE SITUATION, BUT IT'S EXACTLY WHAT THIS YEAR'S MOST INFLUENTIAL PERSON AWARD WINNER, TONI MCALLISTER, HAS DONE IN ORDER TO PROMOTE DIVERSITY IN THE AV INDUSTRY.

One of the biggest challenges facing the AV industry is that of staff shortages but, as the winner of this year's Most Influential Person Award, Women in AV Australia's founder Toni McAllister, says, it's not a new issue.

Speaking to *Connected*, Toni was delighted to be receiving the award: "Thank you to everyone who voted, I really appreciate it and I think it goes some way to saying that what I'm doing with the Women in AV Australia group is appreciated and recognised."

By her own admission, Toni's route into the AV industry was far from planned out.

"I think a lot of people fall into AV from different avenues. For me, my background was initially in film and television, where I cultivated a love of seeing a vision come to life."

Toni majored in film and television as part of, unusually, a Bachelor of Business and subsequently worked as a freelance camera operator before travelling overseas for a few years.

"During that period, technology changed a lot and when I came back to Australia, not only had my networks and connections moved around, but the technology had changed so much as well. So, I needed to look for a way to shift, perhaps sideways, into a career that would also be potentially more secure and consistent."

Toni has worked across various sectors including starting out in education before moving primarily into live event production where the innovation and evolution of technology has been stark.

"I started out setting up slide projectors and now we've moved onto LED screens and laser projectors. But, for me, I'm less concerned by what each

black box is and more interested in what they can achieve. It's really about what the client wants to achieve with an event and then putting the technology together in order to achieve that."

Toni enjoys her role as AV Sales Manager at ICC Sydney, where she has the opportunity to work directly with event organisers, ensuring the AV is delivering on the event's objective, rather than leading with tech for tech's sake.

JOBS WITHOUT APPLICANTS

In recent times, staff shortages have been a big problem everywhere. But, as Toni pointed out, this isn't really a new issue in the AV industry.

"It's definitely the big issue that we face, going forward. And if we're not addressing that from school-leaving age up, I think we've lost the battle from the outset. There needs to be more awareness of AV as a career opportunity. And that means, targeting schools and career expos to raise awareness of courses that exist, how you get into them but also what career opportunities are available within the industry."

Toni continues to be impressed with organisations offering graduate programs and traineeships for those interested in getting their foot in the door, saying it helps to connect the theory to the practical.

But the rate of entry into the industry doesn't yet tally with the demand for staff.

Toni does feel that there are opportunities, going forward, for the industry and how it addresses the skills shortage, pointing out that AV is having something of a moment off the back of the years of pandemic restrictions.



Women in AV Australia founder Toni McAllister is this year's Most Influential Person Award.

From her own experience, events that would have been cancelled managed to go ahead, largely due to the AV industry's ability to pivot to an online offering.

"I think that now is the opportunity to really harness and promote that versatility, getting the message out there about the possibilities within AV, and that convergence between live and digital, in order to attract a wider range of people to join the industry."

STRIVING FOR DIVERSITY

It was that very discussion around skill shortages that prompted Toni on a different journey, one that would not only work to bring more people into the industry, but would also push to promote diversity within it.

"I had spent many years speaking within the industry about skill shortages and the different things we could do to try to attract more people. But looking



around, it was always the case that there was only one or two women in the room.”

Toni felt that there was an opportunity in that anomaly to address the skills shortage but also to highlight the need to have women in the room and have their voices heard. And although there were plenty who agreed, there was little action.

“I looked around and I thought, you know what, if you want someone to make change happen, sometimes that someone has to be you. And that’s where Women in AV Australia began.”

Toni approached a number of AV companies and departments within her network, arranging several discussions where there was consultation over what the group wanted to achieve and how it would operate. Surveys were sent to a number of companies and employees to get a picture of what issues were arising.

The feedback, perhaps a little unexpectedly, was largely positive.

“The AV industry, on the whole, is a very open and welcoming industry to work in. There’s always going to be

those rare cases where there are issues but generally, people find the industry a positive one to work in.”

Toni feels that it isn’t the case that companies aren’t employing women, it’s that there aren’t many women applying. In live events, she says there is interest in event management without much consideration of a career in the production side of that world.

“I think there are maybe some assumptions that you need to have a lot of technical knowledge to start with but, as we all know, in the AV industry so much of what we do is taught on the job.”

Research and consultation completed, and with a better understanding of the issues and challenges, Toni launched the Women in AV Australia group.

“It got to the point where I was like: ‘Ok, enough talk. Let’s put this out there and see what comes of it, see how people want to get involved and how it evolves.’”

Unfortunately, like so many things, the pandemic put a stop to the gallop that Women in AV Australia had started out

on, curtailing the opportunities for more in-person engagement.

Instead, the focus has turned towards promotion of women working in AV – profiling their career journey online, and encouraging people to host their own events under the Women in AV Australia banner, to make the forum a truly collaborative, collective entity, working for the betterment of the industry.

Unlike other organisations that strive for longevity, Toni hopes one day that there is no need for the group.

“It would be great not to need a body that represents women, but we do because we have a serious shortage of female representation in the industry.

“Our motto is ‘you can’t be what you can’t see’ so the goal is to raise awareness of women working in AV in order to encourage more women to join the industry. And, importantly, to ensure that the industry is an inclusive environment for when they do get there. We want to bring women together, to inspire them, to connect them and empower them.” ■

PRO1439

24W BLUETOOTH AUDIO AMP

CLASS-D WITH HI-RES DAC

Compact but surprisingly powerful!

This 24W Class-D amplifier can connect multiple amplifiers, is an ideal partner to modern, slim TVs and suits loads of different applications in both domestic & commercial spaces. Simply add your speakers and you are good to go!

- ▶ Output power: 24W RMS per ch
- Audio Inputs: Bluetooth Receiver
- 3.5mm Audio
- Line-In & Line-Out
- Toslink (Optical)
- ▶ Bluetooth V4.2 compliant with aptX
- ▶ Bluetooth Range: up to 20m
- ▶ Comes with stand for vertical orientation



Bluetooth®

Qualcomm® aptX™

24W STEREO

HI-RES DAC



CALL US ON (03) 9321 8300 FOR MORE INFO ON AV SOLUTIONS

pro2.com.au



Pro.2
Providing AV Solutions

Freestanding Loudspeakers

AUDIO

| | | |
|--------------------|---|---------|
| 1 | S | T |
| BOWERS & WILKINS | | |
| 2 | 0 | . 7 5 % |
| 2 | N | D |
| JBL | | |
| 2 | 0 | . 3 3 % |
| 3 | R | D |
| AUSTRALIAN MONITOR | | |
| 1 | 2 | . 4 5 % |

Bowers & Wilkins has made it six-in-a-row this year, but with just a whisker to spare over JBL which holds its position from last year. The gap between these two has dropped spectacularly, from 13% to just 0.42%. James Loudspeaker is a new entrant on the leaderboard this year, sharing seventh place with Klipsch, last year's joint sixth. Australian Monitor jumps one place from last year's strong entry to the board. The remaining brands simply shuffle around the board, most notably Krix which drops from last year's third place to joint fifth.

4th Dali - 12.03%
= 5th Krix, Yamaha - 10.37%
= 7th James Loudspeaker, Klipsch - 8.71%

'Invisible' loudspeakers

AUDIO

| | | |
|-------------------|---|---------|
| 1 | S | T |
| SONANCE | | |
| 4 | 2 | . 1 7 % |
| 2 | N | D |
| STEALTH ACOUSTICS | | |
| 2 | 0 | . 0 0 % |
| 3 | R | D |
| AMINA | | |
| 1 | 4 | . 7 8 % |

This result will come as a surprise to (probably) absolutely nobody as Sonance further solidifies its hold on the invisible category - this year marks the company's tenth straight win, and it's a daunting prospect trying to catch it as it's also increased its share of the votes by almost 5%. Last year's runner-up SpeakerCraft drops to second, leaving room for Stealth Acoustics to climb one place. Amina also climbs one spot to finish in third. Last year's fifth placed Nakamytone drops off the board to make way for newcomer, Cerasonar.

4th SpeakerCraft - 13.91%
5th Extron - 8.26%
6th Cerasonar - 4.78%

Architectural loudspeakers (Residential)

AUDIO

| | | |
|------------------|---|---------|
| 1 | S | T |
| SONANCE | | |
| 2 | 5 | . 1 9 % |
| 2 | N | D |
| BOWERS & WILKINS | | |
| 1 | 6 | . 7 9 % |
| 3 | R | D |
| JBL | | |
| 1 | 2 | . 2 1 % |

There's no change in the top two in this category as Sonance asserts its dominance and chalks down win number 11 in a row. JBL enters the leaderboard in third place with a healthy share of the votes, pushing last year's third-placed SpeakerCraft off the leaderboard. Krix maintains its spot in the top six (down one place on last year) but there's no room for Stealth Acoustics or Triad, last year's fifth and sixth-placed, as James Loudspeaker slips into sixth place, and Bose returns to the top six after surprisingly dropping off it last year.

4th Bose - 10.31%
5th Krix - 8.78%
6th James Loudspeaker - 8.40%

Architectural loudspeaker (Commercial)

AUDIO

| | | |
|-------------------|---|---------|
| 1 | S | T |
| SONANCE | | |
| 2 | 3 | . 7 4 % |
| 2 | N | D |
| JBL | | |
| 1 | 7 | . 9 0 % |
| 3 | R | D |
| BOSE PROFESSIONAL | | |
| 1 | 7 | . 1 2 % |

Sonance has put back-to-back wins together but the gap between it and JBL has narrowed in the last 12 months. Bose Professional, the 2020 category winner, has climbed one place to third. Krix drops from third to joint fifth with James Loudspeaker, while Origin Acoustics holds onto its seventh-place position. Yamaha returns to the top six after failing to make the cut last year. SpeakerCraft drops off the board after sharing fourth place last year, and the earth didn't quite move for Earthquake Sound this year - it's dropped out of the top six.

4th Yamaha - 10.51%
= 5th James Loudspeaker, Krix - 8.17%
7th Origin Acoustics - 7.39%

Outdoor loudspeakers

AUDIO

| | | |
|-------------------|---|---------|
| 1 | S | T |
| JBL | | |
| 2 | 5 | . 7 8 % |
| 2 | N | D |
| SONANCE | | |
| 1 | 5 | . 2 3 % |
| 3 | R | D |
| BOSE PROFESSIONAL | | |
| 1 | 3 | . 6 7 % |

JBL, which hasn't placed since 2018, has come from nowhere to shove a previously untouchable Sonance into second place, making them only the second ever winner of this category since the awards began. Bose Professional climbs from sixth place to third, pushing last year's second and third-placed Bowers & Wilkins and Australian Monitor, respectively, out of the top three. There's no room for last year's fifth-placed Krix as a trio of new (James Loudspeaker) and returning brands (Origin Acoustics, Yamaha) share sixth place.

4th Bowers & Wilkins - 13.28%
5th Australian Monitor - 12.11%
= 6th James Loudspeaker, Origin Acoustics, Yamaha - 7.81%

Acoustic treatments

AUDIO

| | | |
|-----------------|---|---------|
| 1 | S | T |
| PRIMAACOUSTICS | | |
| 3 | 0 | . 4 8 % |
| 2 | N | D |
| SOUND ACOUSTICS | | |
| 2 | 3 | . 5 3 % |
| 3 | R | D |
| ARTNOVION | | |
| 1 | 2 | . 3 0 % |

Primacoustics comfortably makes it four-in-a-row here, having increased its vote share to put a bit more daylight between it and Sound Acoustics. Artnovion holds onto its third-place position and the rest of the board looks mostly similar to last year's result. Vicoustic holds firm in fourth place while Cinema Works drops one place from joint fifth last year. Wave Panels holds onto its fifth-place position while last year's returning entrant, Auralex, drops off the board. Interestingly, there's little between third, fourth and fifth in vote share.

4th Vicoustic - 11.76%
5th Wave Panels - 9.63%
6th Cinema Works - 8.56%

Subwoofers

AUDIO

| | | |
|--------------------|---|---------|
| 1 | S | T |
| JBL | | |
| 1 | 4 | . 8 0 % |
| 2 | N | D |
| SONANCE | | |
| 1 | 4 | . 4 0 % |
| 3 | R | D |
| AUSTRALIAN MONITOR | | |
| 1 | 0 | . 8 0 % |

JBL, which hasn't placed in this category since 2019, has claimed its second top spot in a competitive category. Of last year's top three, only Sonance remains, climbing into second place. Last year's winner Bowers & Wilkins has dropped to fourth while Krix (second last year) shares fifth place. Australian Monitor continues its progress after entering the leaderboard last year. Velodyne returns to the board for the first time since 2017. DALI is a new entrant on the board, Sunfire and Earthquake Sound have failed to make the cut this year.

4th **Bowers & Wilkins** - 10.00%
 = 5th **Krix, Velodyne, Yamaha** - 9.60%
 8th **DALI** - 9.20%

Speaker cabling/Interconnects

AUDIO

| | | |
|-------------------|---|---------|
| 1 | S | T |
| KORDZ | | |
| 2 | 1 | . 1 5 % |
| 2 | N | D |
| BLUSTREAM | | |
| 1 | 4 | . 1 0 % |
| 3 | R | D |
| ICE CABLE SYSTEMS | | |
| 1 | 3 | . 6 6 % |

After winning five-in-a-row last year, Audioquest has dropped dramatically in the rankings, its place taken by last year's third-placed Kordz. Blustream holds its second place position but newcomer Ice Cable Systems has debuted in third, with just a vote or two between it and last year's winner. Australian Monitor has dropped one place on last year while Belden has returned to the top six after an absence last year. Last year's fifth and sixth-placed Canare and SignalMax have dropped off the board this year.

4th **Audioquest** - 13.22%
 5th **Australian Monitor** - 11.45%
 6th **Belden** - 10.57%

AV Receivers

AUDIO

| | | |
|---------|---|---------|
| 1 | S | T |
| YAMAHA | | |
| 3 | 0 | . 7 7 % |
| 2 | N | D |
| DENON | | |
| 2 | 8 | . 0 5 % |
| 3 | R | D |
| MARANTZ | | |
| 1 | 9 | . 9 1 % |

It's business-as-usual in this category as Yamaha chalks up its seventh win in a row. The gap is closing though, with just under 3% separating it and second-placed Denon. Marantz holds onto its third-place position quite comfortably. There's some movement in the lower half of the board as Anthem climbs two spots to fourth, pushing Integra down to fifth by a couple of votes. There's no room for Pioneer (fifth last year) this year as sixth place is shared by Onkyo (returning after last year's absence) and newcomer ARCAM.

4th **Anthem** - 16.29%
 5th **Integra** - 14.48%
 = 6th **ARCAM, Onkyo** - 7.24%

Preamplifiers

AUDIO

| | | |
|---------|---|---------|
| 1 | S | T |
| YAMAHA | | |
| 2 | 5 | . 5 3 % |
| 2 | N | D |
| MARANTZ | | |
| 1 | 6 | . 6 7 % |
| 3 | R | D |
| INTEGRA | | |
| 1 | 4 | . 7 1 % |

The top three is unchanged here - Yamaha has made it five-in-a-row in the category and Marantz and Integra hold their respective places from last year. NAD and Anthem effectively switch places on last year's standings and Trinnov is a new entrant in fifth - held last year by Pioneer which has dropped out of the top six this year. Interestingly the gap between Marantz and Integra has tightened considerably - last year had Marantz almost 9% ahead but this year has dropped to just under 2%. NAD is also in the same ballpark of vote share.

4th **NAD** - 12.75%
 5th **Trinnov** - 9.31%
 6th **Anthem** - 8.82%

Power Amplifier

AUDIO

| | | |
|--------------------|---|---------|
| 1 | S | T |
| YAMAHA | | |
| 2 | 2 | . 4 8 % |
| 2 | N | D |
| AUSTRALIAN MONITOR | | |
| 1 | 7 | . 8 9 % |
| 3 | R | D |
| SONANCE | | |
| 1 | 6 | . 0 6 % |

As a relatively new category (debuting last year) this one has a considerable amount of movement outside of the top spot which Yamaha has retained quite comfortably. Last year's runner-up Marantz has dropped to fourth, while third-placed Anthem also drops two spots to fifth. Sonance is a new entrant on the board, taking third place, as is JBL in sixth. There's a number of casualties though as Rotel (fourth last year), Cambridge Audio and NAD (joint fifth) and Parasound (sixth) all drop out of the top six.

4th **Marantz** - 15.14%
 5th **Anthem** - 14.22%
 6th **JBL** - 10.55%

Microphones

AUDIO

| | | |
|------------|---|---------|
| 1 | S | T |
| SHURE | | |
| 3 | 0 | . 4 5 % |
| 2 | N | D |
| SENNHEISER | | |
| 2 | 4 | . 0 9 % |
| 3 | R | D |
| RODE | | |
| 1 | 3 | . 1 8 % |

There's little surprise in this category as Shure holds onto its top spot. There's quite a bit movement from there down though as last year's runner up JTS Professional drops down to fifth, leaving space for Sennheiser to climb two places to second. And there's pretty stiff competition at the top as Sennheiser sits just 6% behind the winner. AKG drops three places to sixth, switching with Rode who ride into third place. DPA returns to the top six after a year's absence, pushing out Chiayo, which took fifth place last year.

4th **DPA Microphones** - 12.73%
 5th **JTS Professional** - 12.27%
 6th **AKG** - 11.82%

Mixer

AUDIO

| |
|--------------------|
| 1 S T |
| AUSTRALIAN MONITOR |
| 1 9 . 6 2 % |
| 2 N D |
| REDBACK |
| 1 8 . 6 6 % |
| 3 R D |
| ALLEN & HEATH |
| 1 4 . 8 3 % |

Australian Monitor has gone back-to-back in this award, while Yamaha has fallen off the leaderboard. There's some interesting movement around the board here; Redback returns to the board for the first time since 2019 and there's just a bare 1% between it and the winner. Allen & Heath climbs one spot to third, as does Solid State Logic. Denon Pro, second last year, has to make do with fifth place this year. RTI also sees itself relegated out of the top six, replaced by newcomers ClearOne and Roland who share sixth place.

4th Solid State Logic - 11.96%
5th Denon Pro - 10.53%
6th ClearOne, Roland - 9.57%

Audio embedder

AUDIO

| |
|-------------|
| 1 S T |
| BLUSTREAM |
| 3 8 . 8 0 % |
| 2 N D |
| AVPRO EDGE |
| 1 4 . 7 5 % |
| 3 R D |
| EXTRON |
| 1 3 . 6 6 % |

Blustream has made it four-in-a-row and has a commanding share of the votes. There are some interesting movements from there down the board though as last year's third-placed AVPro Edge climbs one spot to second. Extron is back in the mix, after its absence in last year's standings. Last year's runner-up, Kramer AV, can only manage a sixth place finish this year, while Black Magic Design goes up one spot to fourth. Pro2 has fallen off the board from last year but Gefen, absent since 2019, re-enters the top six in fifth place.

4th Black Magic Design - 9.84%
5th Gefen - 8.74%
6th Kramer AV - 8.20%

PA system

AUDIO

| |
|--------------------|
| 1 S T |
| AUSTRALIAN MONITOR |
| 2 6 . 2 4 % |
| 2 N D |
| YAMAHA |
| 1 7 . 8 2 % |
| 3 R D |
| BOSE PROFESSIONAL |
| 1 6 . 3 4 % |

There has been minimal change in this category with the top two retaining their positions, although Yamaha has closed the gap on Australian Monitor which enjoyed a 15% lead in last year's contest. Bose Professional and JBL essentially swap places on last year's result, with just 0.5% between them. In fact, there's little between any of the second to fifth-placed brands, suggesting more movement in the future. QSC holds firm in fifth place while Chiayo sneaks onto the board in sixth, pushing Renkus Heinz out of its 2021 position.

4th JBL - 15.84%
5th QSC - 14.36%
6th Chiayo - 11.39%

Flat panel displays

VIDEO

| |
|-------------|
| 1 S T |
| SAMSUNG |
| 3 4 . 1 7 % |
| 2 N D |
| SONY |
| 3 0 . 4 2 % |
| 3 R D |
| LG |
| 2 4 . 5 8 % |

Samsung has made it 11 wins-in-a-row but with less of a cushion than previous years as Sony holds firm in second and LG retains third place. This category has had the same top three since 2017 and their vote share shows a clear gulf between them and the second half of the board. Newline is a new entrant this year, commanding a respectable vote share and taking fourth place. Panasonic has dropped one position while both Bang & Olufsen and Hisense fail to make the board. Philips returns after last year's absence.

4th Newline - 11.67%
5th Panasonic - 9.17%
6th Philips - 7.08%

Home theatre projector

VIDEO

| |
|-------------|
| 1 S T |
| EPSON |
| 2 9 . 2 7 % |
| 2 N D |
| SONY |
| 2 7 . 6 4 % |
| 3 R D |
| OPTOMA |
| 2 1 . 1 4 % |

After breaking Epson's stranglehold on this category last year, Sony has slipped one spot, letting Epson swoop in to reclaim its crown. Much like last year, there's very little between the two main contenders. Optoma holds onto third place while BenQ and Barco merely switch places on last year's standings. Panasonic makes it back onto the board for the first time since 2019 while Digital Projection is absent from the board for the first time since entering the category. Last year's joint sixth-placed JVC also fails to make the cut.

4th Barco - 15.45%
5th BenQ - 11.79%
6th Panasonic - 9.35%

Projection screen

VIDEO

| |
|-----------------|
| 1 S T |
| SCREEN TECHNICS |
| 2 7 . 9 1 % |
| 2 N D |
| GRANDVIEW |
| 2 6 . 5 1 % |
| 3 R D |
| LP MORGAN |
| 1 8 . 6 0 % |

Once again, the top two are playing switcheroo as Screen Technics leapfrogs Grandview to reclaim the top spot. And there's little change throughout the rest of the board with just one different name to the 2021 line-up. Last year's third-placed Da-Lite drops to sixth while LP Morgan re-enters the leaderboard after failing to make the cut last year. Screen Innovations goes two places better this year while Stewart Filmscreen holds its fifth-place position. Elite Screens, fourth last year, slips down the board this year.

4th Screen Innovations - 13.95%
5th Stewart Filmscreen - 10.70%
6th Da-lite - 8.84%

Motorised lifters

VIDEO

| | | |
|-------------------|---|------|
| 1 | S | T |
| FUTURE AUTOMATION | | |
| 2 | 6 | 15 % |
| 2 | N | D |
| ULTRALIFT | | |
| 2 | 3 | 39 % |
| 3 | R | D |
| GRANDVIEW | | |
| 1 | 9 | 72 % |

There's an element of music chairs to this category as all six brands are return entrants from the last two years. Last year's winner, Sanus, can only manage fourth place this year as Future Automation jumps to first place. Ultralift retains its second-place position while Grandview does the same in third. Screen Technics and Nexus21 hold onto their fifth and sixth-place positions. It's a category that, for all of the familiarity in the top six, has seen a spread in terms of winners - in each of the last four years, there has been a different winner.

4th Sanus - 16.51%
5th Screen Technics - 16.06%
6th Nexus21 - 9.17%

TV Mount

VIDEO

| | | |
|---------|---|------|
| 1 | S | T |
| SANUS | | |
| 3 | 2 | 49 % |
| 2 | N | D |
| VOGEL'S | | |
| 2 | 1 | 10 % |
| 3 | R | D |
| CHIEF | | |
| 1 | 4 | 77 % |

Sanus has secured bragging rights for a second year running, holding off last year's runner up, Vogel's, by a comfortable margin. One for All drops one place, allowing Chief to step up into third place, but competition is tight in the mid-range of the board with just a handful of votes between third, fourth and fifth. EZYmount also goes one place better than last year's result and Future Automation is a new entrant on the board, taking sixth place with a respectable 10% vote share. Ultralift fails to make the cut this year.

4th One for All - 14.35%
5th EZYmount - 12.66%
6th Future Automation - 10.55%

Video processors

VIDEO

| | | |
|------------|---|------|
| 1 | S | T |
| BLUSTREAM | | |
| 2 | 2 | 12 % |
| 2 | N | D |
| HDANYWHERE | | |
| 1 | 7 | 70 % |
| 3 | R | D |
| EXTRON | | |
| 1 | 5 | 49 % |

Blustream makes it three-in-a-row in this category but there's a lot of movement up and down in the remainder of the board. Last year's runner-up, Wyrestorm, doesn't make the cut this year while Extron re-enters the listings after falling down the ranks last year. HDAnywhere climbs one position to second place. Kramer is another returning entrant and RTI is new to the mix, taking fifth place. AVPro Edge also retains its presence on the board. Control4, Lumagen, Crestron and Nvidia all fall off the leaderboard this year.

4th Kramer AV - 13.27%
5th RTI - 10.18%
6th AVPro Edge - 9.73%

Antennas

VIDEO

| | | |
|-------------|---|------|
| 1 | S | T |
| MATCHMASTER | | |
| 2 | 4 | 23 % |
| 2 | N | D |
| HILLS | | |
| 1 | 9 | 07 % |
| 3 | R | D |
| ONE FOR ALL | | |
| 1 | 5 | 46 % |

There's little change in this category as the top two hold onto their respective positions, Matchmaster going back-to-back on last year's win. Hills has increased its share of the vote however, halving the gap between the top two. One for All climbs to take third place, pushing last year's joint third-placed Kingray and SignalMAX down the board. Ubiquiti makes the biggest gain, climbing from seventh to fourth. Clipsal by Schneider Electric is a new entrant, sharing sixth place. Topline Aerials misses out this year.

4th Ubiquiti - 12.37%
5th Kingray - 10.31%
= 6th Clipsal by Schneider Electric, SignalMAX - 9.28%

Digital signage CMS

VIDEO

| | | |
|------------|---|------|
| 1 | S | T |
| BRIGHTSIGN | | |
| 3 | 9 | 19 % |
| 2 | N | D |
| SAMSUNG | | |
| 2 | 6 | 35 % |
| 3 | R | D |
| PHILIPS | | |
| 1 | 7 | 57 % |

After debuting last year, BrightSign has proved that lightning can strike twice by claiming back-to-back wins, and increasing its lead over past winner Samsung. Philips holds onto its position from last year while Panasonic climbs one position and is just a vote or two away from Philips. Extron returns to the top six after missing out last year. Exterity is another returning entrant, finding its way back onto the board after its absence last year. Barco and Omma Sign, both new entrants last year, have been pushed out of the listings.

4th Panasonic - 16.22%
5th Extron - 8.11%
6th Exterity - 4.73%

Digital signage player

VIDEO

| | | |
|------------|---|------|
| 1 | S | T |
| BRIGHTSIGN | | |
| 3 | 0 | 63 % |
| 2 | N | D |
| SAMSUNG | | |
| 2 | 6 | 25 % |
| 3 | R | D |
| SONY | | |
| 1 | 4 | 38 % |

The top three remain unchanged here as BrightSign makes it six-in-a-row, but Samsung has further eaten into the percentage difference. Sony holds firm in third place. The second half of the board is more interesting as there has been some movement with Minix the only familiar name from last year. Barco, fourth last year, and ATEN, a new entrant in 2021, have both dropped off the leaderboard, replaced instead by Pro2, returning to the top six for the first time since 2018, and Extron and Gefen, both back after missing out last year.

4th Minix - 10.00%
5th Pro2 - 7.50%
= 6th Extron, Gefen - 6.25%

Short throw projectors

VIDEO

| | | |
|--------|---|---------|
| 1 | S | T |
| EPSON | | |
| 3 | 8 | . 8 6 % |
| 2 | N | D |
| OPTOMA | | |
| 2 | 5 | . 5 9 % |
| 3 | R | D |
| BARCO | | |
| 1 | 6 | . 1 1 % |

It seems there's just no catching Epson as it snaps yet another win in this category, increasing its share of the vote as it does. Optoma is consistently solid in second place, although it must feel like a perpetual bridesmaid. Sony has relinquished its third-place position, making way for Barco to jump up from fifth - there little separating the two though, just a bare 1%. BenQ drops one spot while NEC is back on the board for the first time since 2018. Last year's sixth-placed debutant Vivitek fails to make the cut this year.

4th Sony - 15.17%
5th BenQ - 11.37%
6th NEC - 7.58%

4K video extender

VIDEO

| | | |
|------------|---|---------|
| 1 | S | T |
| BLUSTREAM | | |
| 2 | 8 | . 8 3 % |
| 2 | N | D |
| HDANYWHERE | | |
| 1 | 8 | . 9 2 % |
| 3 | R | D |
| AVPRO EDGE | | |
| 1 | 6 | . 6 7 % |

Last year, this category saw the complete drop-off of 2020 winner, Extron, and it hasn't returned to the board this year. Blustream retains its first place position but there's some shuffling thereafter. Last year's runner-up, Wyrestorm, has increased its vote share but dropped to fifth place, letting HDAnywhere climb one spot. AVPro Edge also better its position, going from joint fifth to third place. Crestron and RTI are the other survivors from last year's listings, but there's no space for AV Gear or Control4 who slip down the board.

4th Crestron - 15.77%
5th Wyrestorm - 12.61%
6th RTI - 11.71%

Video scaler

VIDEO

| | | |
|------------|---|---------|
| 1 | S | T |
| BLUSTREAM | | |
| 2 | 8 | . 8 5 % |
| 2 | N | D |
| HDANYWHERE | | |
| 2 | 0 | . 6 7 % |
| 3 | R | D |
| AVPRO EDGE | | |
| 1 | 4 | . 4 2 % |

Blustream lands another three-in-a-row here as it comfortably retains its top spot. Extron, which placed second last year, has dropped to fourth place but retained the same vote share as 2021. HDAnywhere increases its vote share by 9% and climbs one spot to second place, while AVPro Edge finds its way back into the listings after dropping out last year. AV Gear goes up one place and Barco is a new entrant in the top six. Pro2, which came fifth last year, has failed to make the cut, as has Crestron, which took fourth place last year.

4th Extron - 13.46%
5th AV Gear - 12.02%
6th Barco - 7.21%

Universal remote control

CONTROL

| | | |
|----------|---|---------|
| 1 | S | T |
| RTI | | |
| 2 | 4 | . 2 2 % |
| 2 | N | D |
| CONTROL4 | | |
| 2 | 1 | . 5 2 % |
| 3 | R | D |
| LOGITECH | | |
| 1 | 9 | . 2 8 % |

The top three reads as a 'who's who' of who has won this category in recent years, and there's little between any of the top four. RTI jumps from fourth place and pushes Control4 down to second, reclaiming the top spot for the first time since 2016. Logitech, the 2019 winner and last year's runner-up drops to third. One For All relinquishes its third place position from last year while Crestron and Savant hold firm in fifth and sixth place. The only casualty is ELAN (joint fourth in 2021) which has failed to make the cut.

4th One For All - 18.83%
5th Crestron - 12.11%
6th Savant - 8.07%

Multi-room AV distribution

CONTROL

| | | |
|-----------|---|---------|
| 1 | S | T |
| SONOS | | |
| 1 | 9 | . 5 7 % |
| 2 | N | D |
| BLUSTREAM | | |
| 1 | 7 | . 8 7 % |
| 3 | R | D |
| CONTROL4 | | |
| 1 | 4 | . 8 9 % |

After two years in second place, Sonos has returned to the top spot. Blustream has thundered back into the mix, after an absence last year, claiming second place and nudging last year's winner, Control4, to third place. There are a few noticeable drop-outs: last year's third-placed Sonance doesn't feature this year, while Savant and Elan also fail to make the top six. New entrant HDAnywhere is biting at Control4's heels while RTI returns to the board after a two-year absence. Crestron is also back, sharing sixth place with Australian Monitor.

4th HDAnywhere - 14.47%
5th RTI - 13.62%
6th Australian Monitor, Crestron - 11.06%

Whole-house control system

CONTROL

| | | |
|----------|---|---------|
| 1 | S | T |
| CONTROL4 | | |
| 2 | 5 | . 1 0 % |
| 2 | N | D |
| RTI | | |
| 2 | 1 | . 8 1 % |
| 3 | R | D |
| CRESTRON | | |
| 1 | 1 | . 1 1 % |

Control4 makes its seven-in-a-row, commanding a quarter of all votes cast. Meanwhile, RTI and Crestron trade places on last year's results with RTI more than doubling its vote percentage. Savant and Elan are the other familiar names here, holding fourth and fifth place respectively. Kramer AV, which shared fourth place last year, fails to make the cut this year; there's no place for KNX (sixth last year) either as it also drops out of the top spots. New entrant Kasta secures 8% of the vote and steals in to take the final spot on the board.

4th Savant - 10.29%
5th Elan - 9.05%
6th Kasta - 8.23%

Lighting control

CONTROL

| | | |
|------------------|---|------|
| 1 | S | T |
| PHILIPS DYNALITE | | |
| 2 | 0 | 27 % |
| 2 | N | D |
| RTI | | |
| 1 | 6 | 67 % |
| 3 | R | D |
| KNX | | |
| 1 | 4 | 41 % |

There's quite a bit of interesting movement in this category as last year's winner Control4 drops out of favour. Philips Dynalite has climbed from fourth place to claim the top spot with, interestingly, just a 2% increase on last year's vote share. RTI is a new entrant in second, while KNX climbs from fifth to third. Clipsal drops from second place last year to fourth while Crestron and former hattrick winner Lutron dropping off the board completely. DALI returns to the board for the first time since 2017, sharing sixth place with new entrant Kasta.

4th Clipsal by Schneider Electric - 13.96%
5th Control4 - 13.06%
6th DALI, Kasta - 11.71%

Motorised blinds

CONTROL

| | | |
|----------|---|------|
| 1 | S | T |
| SOMFY | | |
| 3 | 5 | 50 % |
| 2 | N | D |
| LUTRON | | |
| 2 | 1 | 30 % |
| 3 | R | D |
| CRESTRON | | |
| 1 | 3 | 61 % |

There is almost no change in this category, save for the increasing gap between Somfy and the rest of the chasing pack. The winner makes it back-to-back wins and more than doubles its lead over Lutron. Crestron's vote remains solid for third place while Screen Technics and Luxaflex share fourth place again this year. Qmotion takes sixth place; again, the same as last year. The only change in the running order is the absence of last year's joint seventh-placed ABB and Fibaro. They make way for new entrant Silent Gliss.

= 4th Screen Technics, Luxaflex - 10.06%
6th Qmotion - 8.28%
7th Silent Gliss - 7.10%

Energy monitoring

CONTROL

| | | |
|-----|---|------|
| 1 | S | T |
| ABB | | |
| 1 | 9 | 54 % |
| 2 | N | D |
| KNX | | |
| 1 | 8 | 39 % |
| 3 | R | D |
| RTI | | |
| 1 | 5 | 52 % |

There's a change at the top as last year's winner, Thor, slips down the rankings. ABB finished in eighth place last year but has enjoyed an 11% gain to take the top spot. KNX has also climbed the ranks into second, with little between it and ABB. RTI has also increased its share and slots into third place pushing SurgeX down one spot. Clipsal is also pushed down three places. There's a couple of big casualties too: Control4, which was second last year, has failed to make the listings; so too has Crestron which was joint sixth in 2021.

4th SurgeX - 14.94%
5th Thor - 14.37%
6th Clipsal by Schneider Electric - 13.22%

HDMI cabling

INFRASTRUCTURE

| | | |
|------------|---|------|
| 1 | S | T |
| KORDZ | | |
| 2 | 4 | 89 % |
| 2 | N | D |
| HDANYWHERE | | |
| 1 | 4 | 77 % |
| 3 | R | D |
| BLUSTREAM | | |
| 1 | 3 | 08 % |

As records go, Kordz is pretty iconic in this space - no other company has won it since the beginning of these awards. There is other movement though - HDAnywhere debuts in second place while Blustream holds firm to its third-place position. Last year's runner-up, AudioQuest, has dropped down to fifth with Wyrestorm just ahead of it, maintaining its fourth-place position from last year. Kramer AV has dropped one place on its 2021 listing. There's no room for last year's sixth-placed Pro2 however and it drops further down the list.

4th Wyrestorm - 12.24%
5th AudioQuest - 11.39%
6th Kramer AV - 10.13%

Matrix switcher

INFRASTRUCTURE

| | | |
|------------|---|------|
| 1 | S | T |
| EXTRON | | |
| 2 | 5 | 22 % |
| 2 | N | D |
| HDANYWHERE | | |
| 1 | 8 | 58 % |
| 3 | R | D |
| BLUSTREAM | | |
| 1 | 7 | 26 % |

After dropping off the board last year, Extron has seen a surge in voting to land it in the top spot, pushing last year's joint winners Blustream and Wyrestorm to third and fifth respectively. HDAnywhere climbs from fourth place to second, increasing its vote share by 10% - the gap between it and Blustream is tight with just one or two votes making the difference. RTI is a new entrant this year, commanding a respectable 13.27% of the vote, while AVPro Edge returns to the board after failing to make the cut last year.

4th RTI - 13.27%
5th WyreStorm - 12.39%
6th AVPro Edge - 10.18%

HDBaseT extender kit

INFRASTRUCTURE

| | | |
|------------|---|------|
| 1 | S | T |
| BLUSTREAM | | |
| 2 | 7 | 75 % |
| 2 | N | D |
| HDANYWHERE | | |
| 1 | 8 | 06 % |
| 3 | R | D |
| AVPRO EDGE | | |
| 1 | 4 | 10 % |

Blustream makes it seven-in-a-row in this category, increasing its vote share by nearly 10% to give it a commanding lead. Last year's runner-up, Wyrestorm, drops down the rankings, letting HDAnywhere climb one space to take second place. AVPro Edge goes three better than its 2021 standing to complete the top three. Crestron and RTI both return to the board after dropping down the listings last year. But there's no space for either AV Gear or Control4 who returned to take fourth and fifth position respectively last year.

4th Wyrestorm - 12.78%
5th Crestron - 12.33%
6th RTI - 11.89%

AV over IP
INFRASTRUCTURE

| |
|-------------------|
| 1 S T |
| BLUSTREAM |
| 2 7 . 5 6 % |
| 2 N D |
| AVPRO EDGE |
| 1 7 . 3 3 % |
| 3 R D |
| WYRESTORM |
| 1 4 . 6 7 % |

Continuing a strong showing in this year's awards, Blustream has secured back-to-back awards in this category, as well as putting some daylight between it and its nearest challengers. AVPro Edge makes the board for the first time, slotting comfortably into second place while Wyrestorm drops down one place to third. RTI and Crestron essentially swap places on last year's result while Just Add Power, winner of this award in 2020, drops from third to sixth. Wolfvision, a fresh name on the listings last year, has failed to make the cut this year.

4th **RTI** - **13.33%**
 5th **Crestron** - **10.22%**
 6th **Just Add Power** - **9.78%**

Digital modulator
CONTROL

| |
|--------------------------|
| 1 S T |
| WILLIAMS AV |
| 2 3 . 6 7 % |
| 2 N D |
| ZYCAST TECHNOLOGY |
| 1 7 . 1 6 % |
| 3 R D |
| KINGRAY |
| 1 5 . 3 8 % |

This category has chopped and changed a bit in the last couple of years and there's a new winner again this year in Williams AV, which debuted in the category last year. Last year's winner, Kingray, is pushed down to third place as ZyCast Technology jumps from fifth to second. ZeeVee also makes some good progress, rising by two places while ClearView returns to the board after being absent last year. Dynalink is another new addition to the list but there's no space for last year's runner-up, Novonde, or fourth-placed Matchmaster.

4th **ZeeVee** - **12.43%**
 5th **ClearView** - **11.83%**
 6th **Dynalink** - **11.24%**

Racks/cabinets
CONTROL

| |
|---------------------------|
| 1 S T |
| SANUS |
| 2 8 . 3 6 % |
| 2 N D |
| MIDDLE ATLANTIC |
| 2 2 . 3 9 % |
| 3 R D |
| AUSTRALIAN MONITOR |
| 1 4 . 6 3 % |

After a triumphant debut last year, Snap One has hit stiff competition this year and relinquished its top spot to Sanus, which came third last year. Middle Atlantic holds firm in second place while Australian Monitor goes one better, increasing its vote slightly and stepping into third. Future Automation and B&R Enclosures both remain on the board in similar positions to last year, although both increase their share of the votes. Altronics, joint fifth last year, and Clipsal, joint seventh, fail to make it into the listings this year.

4th **Snap One** - **12.44%**
 5th **Future Automation** - **8.46%**
 6th **B&R Enclosures** - **7.46%**

Rack cooling systems
CONTROL

| |
|------------------------|
| 1 S T |
| AC INFINITY |
| 3 5 . 9 8 % |
| 2 N D |
| SANUS |
| 2 5 . 4 0 % |
| 3 R D |
| MIDDLE ATLANTIC |
| 2 2 . 2 2 % |

In recent years, this category has opened up a lot and there is a new winner again this year in last year's third-placed AC Infinity. Joint winners in 2021, Sanus and Cool Components drop to second and fourth, respectively. Rackmount Solutions and Active Thermal Management maintain their rankings from 2021, while Middle Atlantic, a serial winner of this award prior to last year climbs one spot into third place. There's quite a gulf between the top three and the rest of the board, with 9% between third and fourth places.

4th **Cool Components** - **13.23%**
 5th **Rackmount Solutions** - **11.64%**
 6th **Active Thermal Management** - **4.76%**

Presentation/Collaboration tools
COMMUNICATIONS

| |
|------------------|
| 1 S T |
| BARCO |
| 1 9 . 9 0 % |
| 2 N D |
| BLUSTREAM |
| 1 5 . 9 2 % |
| 3 R D |
| RTI |
| 1 4 . 9 3 % |

There's no real surprise here as Barco once again takes the top spot and increases its vote share by over 10%. But Blustream has also doubled its vote to take second place and debutant RTI isn't too far behind in third. In fact, there isn't much between any of the top six here, particularly from second to sixth with gaps as small 0.5% in some cases. Wolfvision has dropped three places while last year's runner-up, Williams AV, fails to make the cut this year. So too does Newline Interactive but Wyrestorm is a new addition to leaderboard.

4th **Crestron** - **14.43%**
 5th **Wyrestorm** - **12.44%**
 6th **Wolfvision** - **11.94%**

Video conferencing equipment
COMMUNICATIONS

| |
|----------------------------|
| 1 S T |
| LOGITECH |
| 2 2 . 4 5 % |
| 2 N D |
| NEWLINE INTERACTIVE |
| 1 5 . 3 1 % |
| 3 R D |
| WYRESTORM |
| 1 3 . 7 8 % |

It's another turbulent year in this category as, with the exception of Logitech returning to the top spot, there are plenty of movers and shakers. Last year's winner, Vaddio, fails to make the board this year and runner-up AVer can only manage sixth place this year. Wyrestorm features for the first time, pushing out competition from another newcomer, ClearOne, and the returning Barco in joint fourth. Crestron and Yamaha share seventh place. But there's no room for Williams AV or Wolfvision, both of whom featured last year.

= 4th **Barco, ClearOne** - **13.27%**
 6th **AVer** - **11.73%**
 = 7th **Crestron, Yamaha** - **11.22%**

Hearing loop

COMMUNICATIONS

| |
|-------------|
| 1 S T |
| WILLIAMS AV |
| 4 6 . 0 5 % |
| 2 N D |
| AMPETRONIC |
| 1 9 . 0 8 % |
| 3 R D |
| REDBACK |
| 1 8 . 4 2 % |

The line-up here is almost identical to last year - that's partly due to the number of contenders and partly to the dominance of one in particular. Williams AV has increased its vote share to a remarkable 46%, further cementing the stranglehold it has in this category. Ampetronic and Redback maintain their rankings from last year but there's not much between the two who had, in the previous year, simply switched places. Univox holds onto fourth place but Contacta and Humantechnik swap spots on their rankings from last year.

4th Univox - 11.18%
5th Humantechnik - 7.89%
6th Contacta - 5.92%

Interactive displays

COMMUNICATIONS

| |
|------------------------|
| 1 S T |
| SAMSUNG |
| 2 1 . 6 9 % |
| 2 N D |
| NEWLINE INTERACTIVE |
| 1 6 . 4 0 % |
| 3 R D |
| BENQ |
| 1 4 . 8 1 % |

There isn't a huge amount of change in this category as Samsung maintains its first place position, and increases its lead on closest contender Newline Interactive, which holds its position from last year's debut. BenQ jumps from joint fifth up to third, pushing Epson out of the top three to a shared fourth-place with LG. The latter has jumped up from joint seventh last year, recording a big increase in vote share. TeamBoard also goes one position better than last year while Microsoft falls from fourth down to seventh.

= 4th Epson, LG - 11.64%
6th TeamBoard - 9.52%
7th Microsoft - 8.99%

Electronic whiteboards

COMMUNICATIONS

| |
|------------------------|
| 1 S T |
| NEWLINE INTERACTIVE |
| 2 3 . 5 7 % |
| 2 N D |
| SMART |
| 2 0 . 0 0 % |
| 3 R D |
| TEAMBOARD |
| 1 5 . 0 0 % |

Newline Interactive makes it back-to-back wins in this category, having debuted in first place last year. SMART maintains its position in second place but last year's third-placed Sharp has dropped one place to allow TeamBoard to steal into third place. Canon and Hitachi, both returning brands from last year, share fifth place while Learning Glass drops from fourth place to seventh. It's a notably tight category with vote shares differing very little from last year's margins - the bottom half of the board is particularly open.

4th Sharp - 14.29%
= 5th Canon, Hitachi - 12.86%
7th Learning Glass - 11.43%

Surge protection

ELECTRICAL

| |
|-------------|
| 1 S T |
| THOR |
| 3 1 . 2 8 % |
| 2 N D |
| SURGEX |
| 2 6 . 5 4 % |
| 3 R D |
| FURMAN |
| 1 5 . 6 4 % |

If you'll excuse the pun, Thor hammers home its dominance in this category, making it a remarkable 11 wins in a row this year. Its lead has reduced but it still commands almost one-third of the vote share. SurgeX and Furman swap places on their standings from last year and the gap between the top two and chasing pack has widened. APC, Power Shield and Belkin are all returning brands, though none of them is in the same place as last year: Power Shield drops two places, Belkin rises one, as does APC by Schneider Electric.

4th APC by Schneider Electric - 11.37%
5th Belkin - 9.48%
6th Powershield - 9.00%

UPS

ELECTRICAL

| |
|------------------------------|
| 1 S T |
| APC BY SCHNEIDER ELECTRIC |
| 2 4 . 0 0 % |
| 2 N D |
| POWER SHIELD |
| 2 2 . 2 9 % |
| 3 R D |
| EATON |
| 1 7 . 1 4 % |

Power Shield was going for a hat-trick this year but has been pipped by APC which had secured third place last year - there's little between the top two though. Eaton secures a 6% increase in vote share to climb one spot. Last year's runner-up, Furman, drops down to fourth while Niveo Professional holds onto fifth place. Powertech returns to the board after being absent for the past two years and puts a bit of pressure on Niveo just ahead of it. ABB, last year's sixth-placed brand, drops off the leaderboard.

4th Furman - 16.57%
5th Niveo Professional - 10.29%
6th Powertech - 9.71%

Integrated security system

SECURITY

| |
|-------------|
| 1 S T |
| NESS |
| 3 3 . 1 6 % |
| 2 N D |
| INNER RANGE |
| 2 1 . 2 4 % |
| 3 R D |
| BOSCH |
| 1 8 . 6 5 % |

The top three remain the same here as Ness chalks down another win, albeit with a reduced share of the votes, compared to last year's 39%. Inner Range increases its share by just under 2% while Bosch rallied to increase its vote share by nearly 5%. Honeywell climbs from joint sixth up to fourth place while Tiandy drops one place to sixth. Axis returns to the board after a two-year absence and is just a vote or two away from Honeywell. There's no place this year for Risco Group or Paradox, fourth and joint-sixth respectively last year.

4th Honeywell - 9.33%
5th Axis - 8.81%
6th Tiandy - 6.74%

IP security camera
SECURITY

| |
|------------------|
| 1 S T |
| HIKVISION |
| 4 4 . 8 3 % |
| 2 N D |
| NESS |
| 2 1 . 1 8 % |
| 3 R D |
| AXIS |
| 1 3 . 7 9 % |

Again, there's little in the way of change in this category as the top six includes all of last year's players, just in slightly different order. What isn't different is the one-two as Hikvision comfortably holds onto its top spot. Ness takes second place but, really, it seems like there's no catching Hikvision and its massive vote share. There's very little between the brands in fourth, fifth and sixth, and, again, the three are all in different positions to last year: Bosch rises two places, Dahua drops two places and Tiandy drops one place.

4th **Bosch** - 9.85%
 5th **Dahua** - 8.87%
 6th **Tiandy** - 8.37%

Intercom
SECURITY

| |
|------------------|
| 1 S T |
| HIKVISION |
| 2 2 . 9 7 % |
| 2 N D |
| NESS |
| 2 2 . 0 1 % |
| 3 R D |
| CONTROL4 |
| 2 0 . 5 7 % |

There's no change in the six listed brands here but there is a change at the top as Ness, vying for back-to-back wins, is just nudged out by Hikvision by less than 1%. Control4 moves up one position and is very much chasing the leaders with its vote share. 2N rises one spot with a slight increase in votes. Former winner, Aiphone, also climbs one position to take fifth place. Doorbird took third place last year but can only manage sixth this year. But the tight vote share at the top suggests serious competition in this category in the future.

4th **2N** - 16.75%
 5th **Aiphone** - 15.31%
 6th **Doorbird** - 11.48%

Test and measurement
TOOLS

| |
|-----------------------|
| 1 S T |
| FLUKE NETWORKS |
| 4 1 . 6 2 % |
| 2 N D |
| NTI AUDIO |
| 1 7 . 3 0 % |
| 3 R D |
| MURIDEO |
| 1 5 . 6 8 % |

Fluke Networks increases its vote share to comfortably hold onto the top spot in this category. NTI Audio is the other familiar name in the top three here as third place goes to the returning Murideo, pushing Platinum Tools down the board. AVPro Edge climbs one spot to fourth, with a vote share that would suggest potential to challenge NTI and Murideo in the future. Klein Tools keeps its spot in sixth place, just behind Platinum Tools. The big story though is Fluke Network's ever increasing dominance in the category.

4th **AVPro Edge** - 13.51%
 5th **Platinum Tools** - 7.57%
 6th **Klein Tools** - 6.49%

Software
TOOLS

| |
|-----------------|
| 1 S T |
| UBIQUITI |
| 3 3 . 5 5 % |
| 2 N D |
| BLUEBEAM |
| 2 0 . 3 9 % |
| 3 R D |
| SIMPRO |
| 1 9 . 0 8 % |

Ubiquiti has gone back-to-back in this category after storming to a compelling win last year. BlueBeam keeps its second place position but gets a bit of a fright from SimPro which has added 9% to its vote share and is just a short distance behind. D-Tools, a former winner in this category, holds onto its fourth place position with just a vote or two between it and SimPro. TP Link shares sixth place with the returning Kramer AV. Meanwhile, Utology is a new entrant on the board, slotting into fifth place with a respectable vote of just under 10%.

4th **D-Tools** - 18.42%
 5th **Utology** - 9.87%
 = 6th **Kramer AV, TP Link** - 8.55%

Seating
FURNITURE

| |
|------------------|
| 1 S T |
| ROW ONE |
| 2 4 . 3 9 % |
| 2 N D |
| MANHATTAN |
| 1 5 . 4 5 % |
| 3 R D |
| LP MORGAN |
| 1 4 . 6 3 % |

There's a change at the top this year as Row One, the winner in 2020, rallies to jump from third back to first place. Last year's winner, LP Morgan, drops to third while Manhattan climbs two spots to take second place. Last year's runner-up, Cogworks Design, drops to joint fifth with new entrant, Cineak. Fortress gives a strong showing, almost doubling its vote to take fourth place. Jaymar keeps itself on the board in seventh place, sharing the spoils with returning brand, Suncoast Seating.

4th **Fortress** - 12.20%
 = 5th **Cineak, Cogworks Design** - 9.76%
 = 7th **Jaymar, Suncoast Seating** - 7.32%

Tactile Sound Transducer (Shaker)
FURNITURE

| |
|-------------------------|
| 1 S T |
| EARTHQUAKE SOUND |
| 3 6 . 5 1 % |
| 2 N D |
| D-BOX |
| 2 4 . 6 0 % |
| 3 R D |
| BUTTKICKER |
| 1 9 . 8 4 % |

After a slightly tighter race last year, Earthquake Sound has increased its lead while closest contender D-Box drops off in the voting a bit. It all results in Earthquake Sound winning by quite a comfortable margin. There's decent breathing space between second and third place where Buttkicker has increased its vote by 12% to climb two spots into third place, edging Kramer AV down the pecking order and into joint fourth with Crowson. Clark Synthesis holds its position in sixth.

= 4th **Crowson, Kramer AV** - 10.32%
 6th **Clark Synthesis** - 8.73%