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# AGENDA

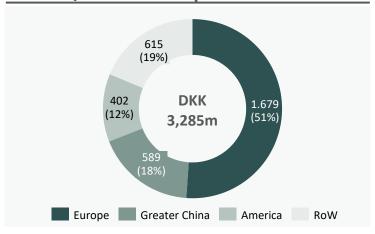
- Introduction to Bang & Olufsen
- Financial performance and outlook
- Questions & answers

# **BANG & OLUFSEN AT A GLANCE**

#### Introduction

- Bang & Olufsen is a global luxury-lifestyle brand founded in 1925 in Struer, Denmark by Peter Bang and Svend Olufsen
- The rich heritage built around the relentless determination to create products that push the boundaries of audio technology continues to place the company on the forefront of audio innovation. Today, every Bang & Olufsen product is still characterised by the unique combination of beautiful sound, timeless design, and unrivalled craftsmanship
- The company's innovative and progressive audio products are sold worldwide in Bang & Olufsen monobranded stores, online and in multibranded stores
- The company employs around 1,000 people and operates in more than 70 markets and Bang & Olufsen's shares are listed on NASDAQ Copenhagen A/S

#### FY 2017/18 revenue split



#### The History of Bang & Olufsen - snapshot



# A COMPANY WITH A GLOBAL FOOTPRINT

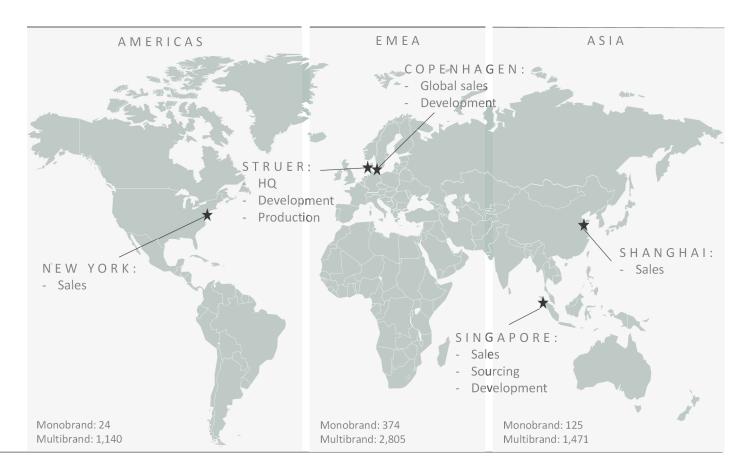
LISTED ON NASDAQ COPENHAGEN

TURNOVER DKK
3,285 MILLION (FY 2017/18)

EMPLOYEES 975 (FY 2018/19 Q2)

MONOBRAND STORES 523 (FY 2018/19 Q2)

MULTIBRAND STORES 5,416 (FY 2018/19 Q2)



### **BOARD OF DIRECTORS & EXECUTIVE MANAGEMENT TEAM**

#### BOARD OF DIRECTORS

(1964)



OLE ANDERSEN (1956)



Chairman

Other selected offices: Other selected offices: activities) Chr Hansen Holding

(Chairman) Danske Bank A/S (Chairman)



JUHA CHRISTENSEN

**Deputy Chairman** 





ALBERT BENSOUSSAN (1959)

First appointment 2009 First appointment 2016 Kering (CEO of Luxury - (former CEO of Watches & Jewelry

> Other selected offices: Sowind Group SA (Chairman) Sigatec (Board member)



ANDERS COLDING FRIIS (1963)

Pandora)

Employee-elected Senior Business

(1972)

BRIAN BJØRN HANSEN



GEOFF MARTIN (1969)

First appointment 2014 First appointment 2018 First appointment 2015 First appointment 2015 Employee-elected Senior Technology Manager, Smart Home Specialist, Sound Design



IVAN TONG KAI LAP (1960)

Sparkle Roll Group Ltd (Chairman and Executive Director)

Other selected offices: Catacap Management Grand Concept Ltd HK (Director)

Sparkle Roll Group Ltd (Chairman)



JESPER JARLBÆK (1956)

**Basico Consulting** Group (Chairman)

Aps (Chairman) Chairman) GroupCare Group A/S



MADS NIPPER (1966)

Grundfos Holding A/S Other selected offices: (Group President/CEO) Other selected offices:

> Other selected offices: (Board Member) Danish Crown (Deputy



MAJKEN SCHULTZ (1958)

First appointment 2016 First appointment 2011 First appointment 2014 First appointment 2013 First appointment 2017

Danish Crown A/S Danske Spil A/S (Board Member Realdania (Board

Member)



SØREN BALLING (1971)

Employee-elected Production Engineer, Mechanics

#### EXECUTIVE MANAGEMENT



#### **HENRIK CLAUSEN. PRESIDENT & CEO**

• Employed by Bang & Olufsen since July 2016

#### Career before Bang & Olufsen

- · Telenor EVP, Strategy & Digital and advisor to Group CEO DiGi Telecommunications - CEO
- Telenor Denmark CEO

#### Other selected offices:

• NENT Group - Board Member



#### JOHN MOLLANGER, EVP & PRESIDENT BRAND & MARKETS

• Employed by Bang & Olufsen since April 2017

#### Career before Bang & Olufsen

- United Colors of Benetton Chief Product & Marketing Officer
- Asics Corp. Senior Executive Officer, Global Marketing
- Puma Global Director, Business Unit Management



#### SNORRE KJESBU, EVP, PRODUCT CREATION & FULFILMENT

• Employed by Bang & Olufsen since March 2019

#### Career before Bang & Olufsen

• Cisco Systems - Vice President and General Manager for the company's Tele presence & IP-Phone Business Unit

6

#### Other selected offices:

Q-free and NextGenTel Holding - Board Member



#### NIKOLAJ WENDELBOE, EVP & CFO

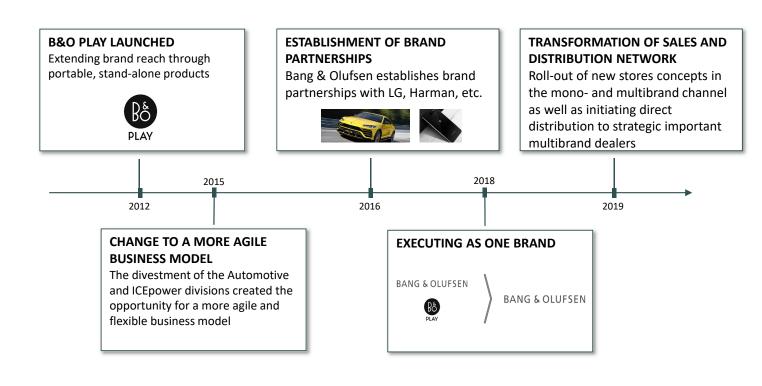
· To start at Bang & Olufsen in May 2019

#### Career before Bang & Olufsen

Arriva – CEO (for 4 years) and CFO (for 3 years)

NNIT - CFO

# THE TRANSFORMATION OF OUR OPERATING MODEL HAS PROGRESSED WELL







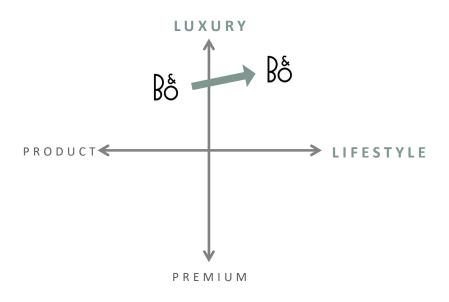
### THE STRATEGY IS IN PLACE

VISION

# BECOME THE MOST DESIRED AUDIO BRAND IN THE WORLD



# DEVELOPING THE BRAND TOWARDS LUXURY/LIFESTYLE



#### LUXURY-LIFESTYLE

- Placing the customer experience at the center of technology
- Ensuring meticulous attention to detail in products and customer experience



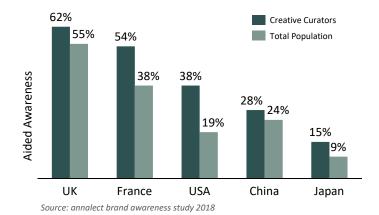


# ONE BRAND STRATEGY IMPLEMENTED TO IMPROVE AWARENESS

#### AWARENESS

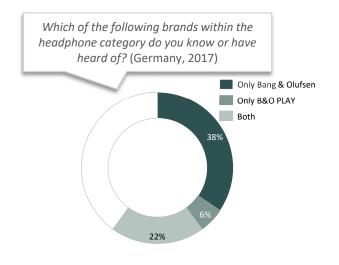
#### Higher aided brand awareness with the target audience of creative curators than the general population

 Significantly higher brand awareness in Europe than in other key markets



#### ONE BRAND EQUITY

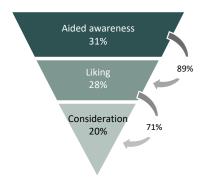
- The two business units have supported a common brand equity
- Consumers do not perceive a difference between Bang & Olufsen and B&O PLAY



Source: annalect brand awareness study 2017 (Germany)

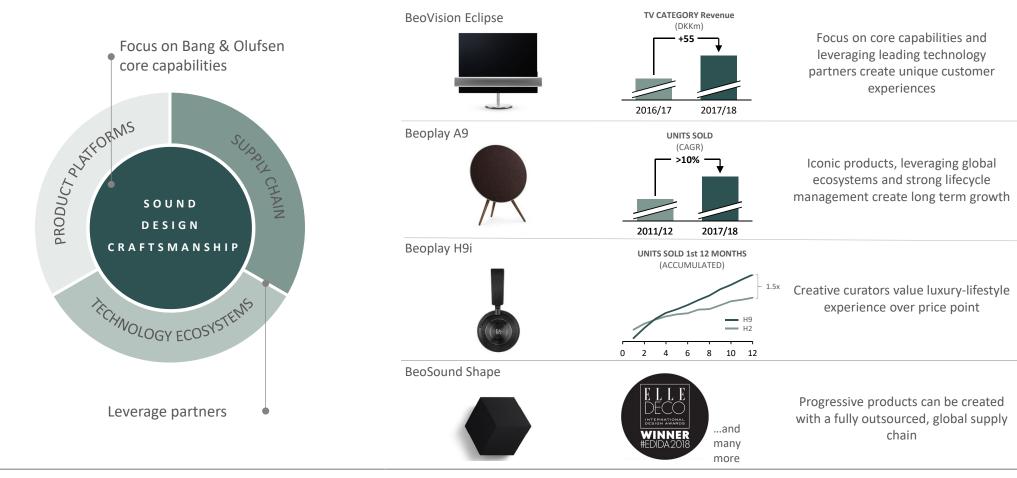
#### BRAND AFFINITY

- Creative Curators have high affinity for the brand (i.e. if they know it, they tend to like it)
- Those who know the brand, also have a high likelihood of considering Bang & Olufsen if they buy a product



Source: annalect brand awareness study 2018 Note: Speakers Category, (Average af 5 key markets surveyed)

# THE NEW OPERATING MODEL IS A PROVEN CASE



### OUR PRODUCTS ARE MADE FOR THREE USE CASES

#### ON-THE-GO

Products that are mobility based, built around nomadic use cases. This includes both immersive and social experiences

#### FLEXIBLE LIVING

Products for consumers who want flexibility in use and placement in domestic settings

#### STAGED

Products used in stationary settings for immersive listening or viewing experiences



- Leading position within the use case and based on global platform standards
- Strong lifecycle management, as well as product variations to fit adjacent use cases
- Prioritise retail where consumers search for a luxury-lifestyle product offering



- True manifestations of the core capabilities of sounds, design and craftsmanship
- Emphasise multiroom position based on global ecosystems
- Expand distribution of selected products to relevant on- and offline channels



- Create innovative and progressive products that set new industry standards
- Expand the sound-for-video use case in collaboration with leading technology partners
- Expand distribution of selected products to relevant on- and offline channels

# SECURING THE BRAND EXPERIENCE ACROSS CHANNELS





- Give the full brand experience
- Cater for customers already familiar with the brand and special customer requests
- Expose new customers to luxury-lifestyle brand execution





- Manifest the brand and build brand equity to target customers
- Attract new customers in high street locations
- Drives sales volume





- Meeting the customers in their own space and time
- Support the customer journey across all omnichannel touchpoints
- Develop the brand's digital interface and experience



Flagship store (pre-opened as a popup), SoHo, New York City, the US (December 2018)



Branded space, Neiman Marcus department store, New York City, the US (November 2018)



Pop-up store, Taikoo Hui luxury mall, Guangzhou, China (November 2018)



Branded space, Holt Renfrew department store, Vancouver, Canada (November 2018)

# WE CONTINUE TO STRENGTHEN OUR RETAIL SETUP

PURPOSE INSIGHTS CHANGE



- Give the full brand experience
- · Cater for customers already familiar with the brand and special customer requests
- Expose new customers to luxurylifestyle brand execution

The best quartile of monobrand stores are characterised by a location in...







...traffic passing by the store



...close to related retail

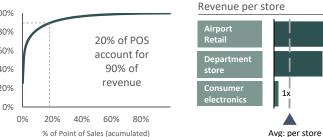
20x

- Ensure consistency in customer experience
- Location transition to high-traffic, urban areas close to related retail
- Build a cluster-focused retail setup with professional partners



- Manifest the brand and build brand equity to target customers
- Attract new customers in high street locations
- Drives sales volume





- Ensure consistency in customer experience
- Transition channel focus to luxury-lifestyle (e.g. department stores, strong consumer electronic retailers, airport stores etc.)



- ONLINE
- Meeting the customers in their own space and time
- Support the customer journey across all omnichannel touchpoints
- Develop the brand's digital interface and experience

78% of consumers research online before buying luxury goods on- or offline1

1) Source: McKinsev research

eTail revenue accounts for >30% of Bang & Olufsen multibrand revenue In selected markets

- Strengthen internal eCom capabilities
- Introduce new eCom platform in Spring 2019
- Facilitate omnichannel features and functionality

# SEVERAL INITIATIVES IN PLACE TO STRENGTHEN OUR DISTRIBUTION





#### **Looking ahead**

- Rolling out direct distribution to key multibrand retail partners
- Roll-out of shop-in-shops and branded space throughout the region targeting department stores, airport retailers and select consumer electronics retailers
- 10+ expected monobrand openings in H2 (i.a. Madrid, Lisbon, Malmö and Courmayeur)





#### **Looking ahead**

- 10+ new monobrand stores in H2 2018/19 in Greater China Region as well as pop-up stores to boost brand awareness in key luxury areas
- Australia & New Zealand ramp-up in H2 2018/19 with planned openings of 3-4 monobrand stores (Sydney, Melbourne and Adelaide) and 30+ shop-in-shops and branded spaces





#### **Looking ahead**

- Opening of flagship store in New York, SoHo and monobrand store in Vancouver
- Continue branded space roll-out at existing and new department stores
- Rebuild custom integrators and B2B channel in the US together with existing base of 30 partners
- Onboarding new South American multibrand partner (Q3 ramp-up)

# BRAND PARTNERSHIPS & BRAND COLLABORATIONS

### - AN INTEGRATED PART OF THE BUSINESS MODEL

PARTNERSHIPS

**Awareness** 

Technology

Licensing



COLLABORATIONS

Awareness

Brand equity amplification

Distribution

Hewlett-Packard



Harman



LG



Saint Laurent



David Lynch





Supreme

# **COMPETENCIES & PROCESSES**



#### DIGITAL TRANSFORMATION

- Strengthen brand experience in consumerfacing touchpoints (app, web etc.)
- Ensure consistency in product and technology (UI/UX)
- Modernise Group IT infrastructure (Insights, Architecture, Automation etc.)



#### GLOBAL SUPPLY CHAIN

- Optimise processes to reflect the changed operating model
- Globalise logistics setup to mirror growth regions
- Further digitalise supply chain platform to improve end-to-end processes



#### ENHANCE CAPABILITIES

- · Product creation and design
- Brand and retail execution
- Customer insights and experience
- Digitalisation

# AGENDA

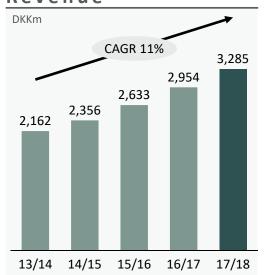
Introduction to Bang & Olufsen

Financial performance and outlook

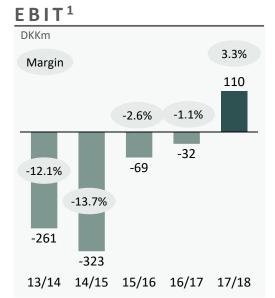
Questions & answers

# TRANSFORMATION OF BUSINESS MODEL SUPPORTED BY SOUND FINANCIAL DEVELOPMENT

#### Revenue

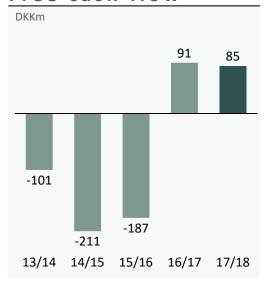


 Third consecutive year with doubledigit revenue growth (11% in 2017/18 and 14% in local currencies)



 Positive EBIT underlines turnaround is on track and in line with guidance

#### Free cash flow<sup>2</sup>



Sustainable positive free cash flow demonstrated

# Successful transformation driven by:

- Transformation to asset-light business model (i.a. divested non-core activities)
- Leveraging partnerships with key global players – both technology and licensing
- Strengthening capabilities and competencies across the organisation

1) Underlying EBIT adjusted for non-recurring and aperiodic items; 2) Underlying free cash flow adjusted for non-recurring and aperiodic items

# REVENUE GUIDANCE FOR 2018/19 ADJUSTED IN Q2

#### Q2 key financials

#### REVENUE DKK 909m

#### -9% growth (-7% in local currencies)

 Impacted by transformation of the sales and distribution network and challenges related to the new global monobrand logistics setup

#### **EBIT** margin

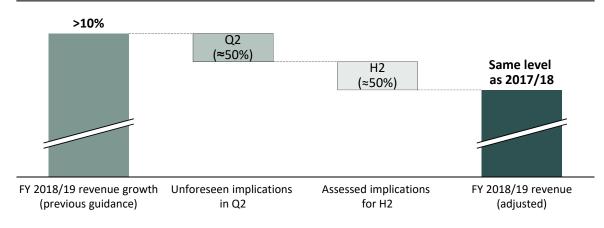
9.9% (Q2 2017/18: 8.3%)

#### 1.6 percentage point improvement

 Agile and asset-light operating model ensured improved EBIT margin FY 2018/19 revenue

outlook adj.

#### Drivers of revenue outlook change



#### Q2 2018/19

- Roll-out speed of the new multibrand retail setup was slower than anticipated and the ability to sustain momentum with key partners in the existing setup was weaker than expected
- Outsourced monobrand logistics setup did not establish well-functioning and stable operations, which resulted in delivery issues towards the end of the quarter
- Change of distributor in Australia & New Zealand was more challenging than expected

#### H2 2018/19

 $\bullet$  The issues related to the transformation of the sales and distribution network are also expected to impact H2 – in particular Q3

# TRANSFORMATION OF THE SALES AND DISTRIBUTION NETWORK — MULTIBRAND RETAIL DEVELOPMENT

#### Q2 development Addressing challenges Strategy ✓ Positive reception from all key retailers Prioritise luxury-lifestyle retail ✓ >1,000 non-performing POS closed, with insignificant revenue impact (est. (Department stores, travel retail, DKK 4-5m in Q2) selected consumer electronics and e-tailers) ✓ Luxury-lifestyle stores have proven to be able to sell Flexible Living products ✓ Branded spaces opened in Q2 sold 7-10x the average of a consumer Retail off-season opens window for new upgrades and openings again electronics store in the same period Specific POS targeted and agreement entered into with key retailers More branded retail execution (Neiman Marcus, Illum, MSH, FNAC and more) across all regions ✓ Significant pick-up in revenue per POS which was upgraded from shelf to (Shop-in-shops, branded spaces) branded space Some retailers that opened/upgraded in Q2 have already decided on a further acceleration of their roll-out X Speed of opening and upgrading POS has been slower than planned Lower cost spend than expected due to weak state of the channel **Direct POS engagement** X In store presence was generally weaker than expected in current stores Refocused internal on-ground resources to focus across channels (POS development, visual merchandising, training, marketing Strengthened in-house skills on luxury-lifestyle retailing ✗ Internal focus hampered by mitigation of logistics issues etc.) ✗ Significant decline in buying from 5 key distributors in Q2 **Leverage distributors** Future role of the key distributors has now been clarified with (Logistics and additional services partners, resulting in less reluctance and wait-and-see ✗ Ability to drive sales at retail through distributors in the transition was weak depending on scale and complexity

BANG & OLUFSEN 21

of retailer)

# GUIDANCE FOR FY 2018/19

		2018/19 Outlook (Prev.)	2018/19 Outlook (Adj.)	Expectations
	Group	>10%	Same level as 2017/18	Regain growth momentum in H2 2018/19
	• EMEA	>5%	Same level as 2017/18	
Revenue	• Asia	>10%	Same level as 2017/18	
	• Americas	>20%	Same level as 2017/18	
	Brand Partnering	Moderate growth	Moderate growth	Unchanged
Cap. cost	Group (% of revenue)	Same as in 2017/18	Same as in 2017/18	Unchanged
EBIT	Group margin	7- 9%	7-9%	Unchanged
FCF	Group	DKK >100m	DKK >100m	Unchanged

# 2020/21 END GOAL



STRATEGIC

#### **Brand strength confirmed**

- Consumer demand for our key products
- Appetite for collaboration from retailers, brand partners and others



#### Products and Innovation on track

- Strong product pipeline in place across all three product categories
- Good collaboration with key global technology partners



#### **Evidence supports the direction**

- New retail point-of-sales deliver significantly higher revenue
- Strong support from existing and new partners for the direction

# COMPETENCIES & PROCESSES

#### Setup in place

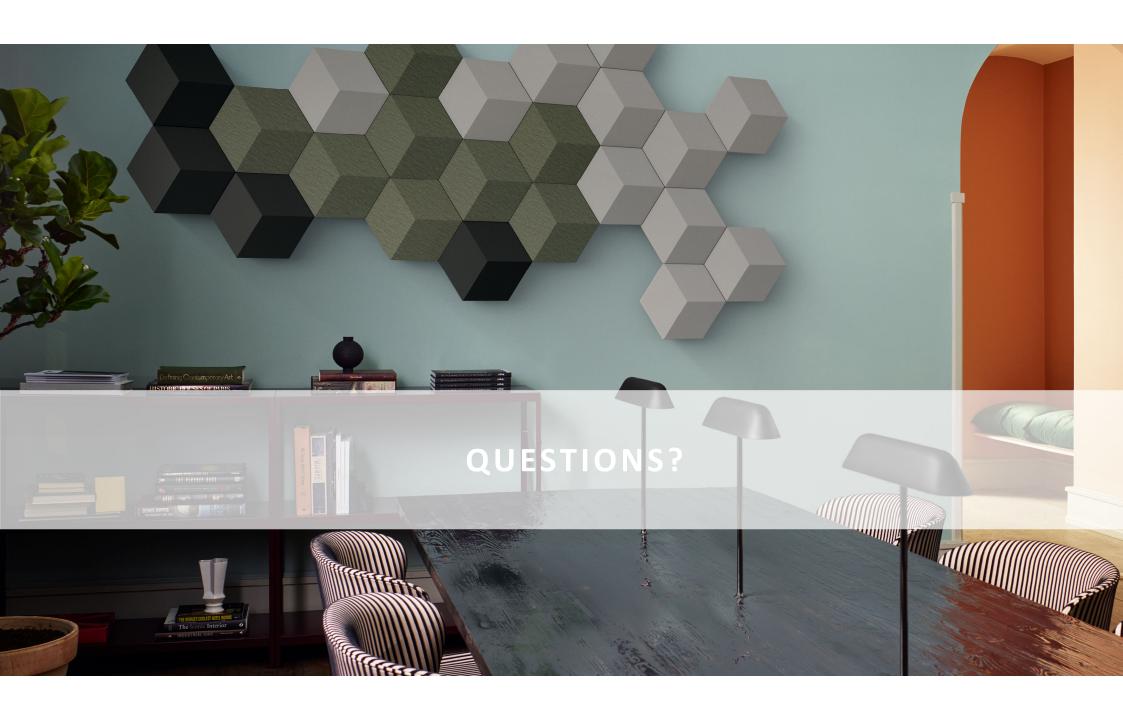
- · Management team has been recruited
- New operating model is delivering improved profitability

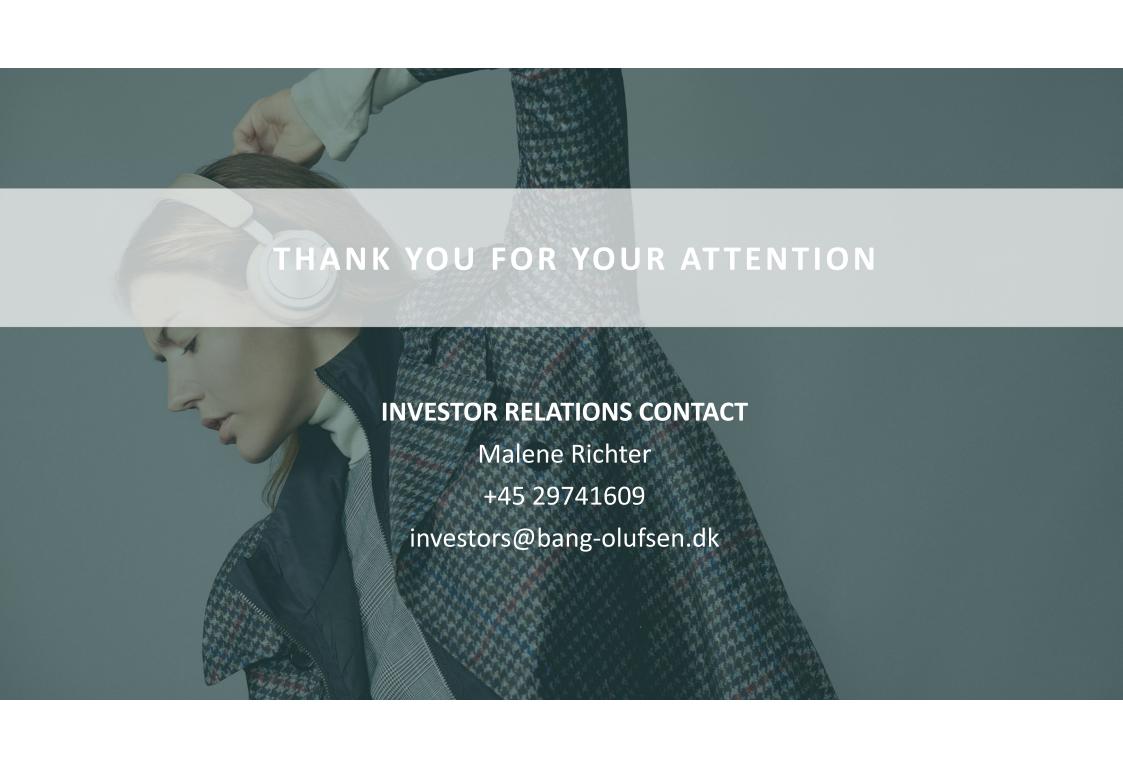
#### 3Y financial targets (2018/19 - 2020/21)

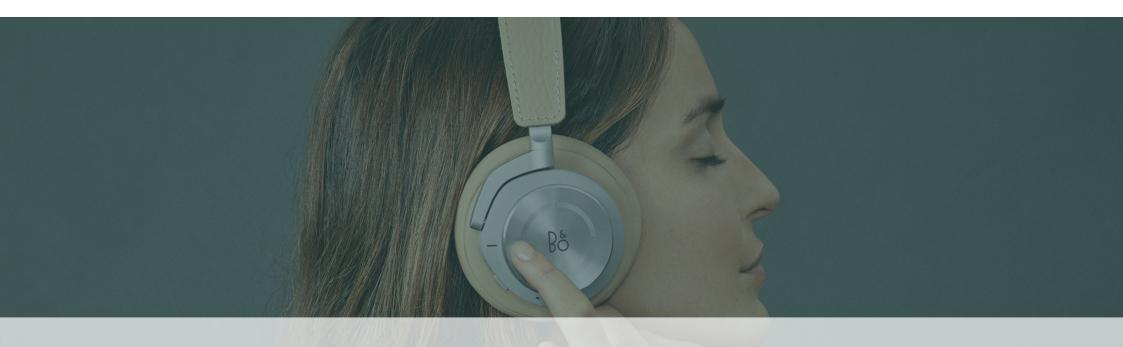
- Regain growth momentum in H2 2018/19
- >10% revenue growth on average in 2019/20 and 2020/21
- >15% EBIT and positive free cash flow in 2020/21

# AGENDA

- Introduction to Bang & Olufsen
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# BACKUP SLIDES - Q2 FIGURES



### REVENUE DEVELOPMENT

#### Revenue split

	Q2				H1			
DKKm	2018/19	2017/18	$\Delta$ (%)	Δ LCY (%) <sup>1</sup>	2018/19	2017/18	Δ (%)	Δ LCY (%) <sup>1</sup>
Group	909	999	-9%	-7%	1,510	1,591	-5%	-4%
Region								
EMEA	542	558	-3%	-3%	822	866	-5%	-5%
Americas	70	100	-30%	-31%	111	159	-30%	-30%
Asia	244	264	-7%	-6%	466	439	+6%	+8%
Other	53	77 📗	-32%		111	126	-12%	
Channel								
Monobrand	569	572	-1%		920	902	+2%	
Multibrand	228	317	-28%		388	494	-21%	
Own eCom	12	12			18	19	-5%	
Other	100	98 📗	+2%		184 ▮	176	+5%	
Product								
Staged	315	412	-23%		516	662	-22%	
Flexible Living	158	124	+27%		225	202	+11%	
On-the-Go	380	397	-4%		635	614	+3%	
Other	56	66	-15%		135	114	+19%	

#### Comments

#### Group

- 9% decline (7% in local currencies) vs. LY in Q2
- 5% decline (4% in local currencies) vs. LY in H1

#### **Regions**

- All regions impacted by the transformation of the sales and distribution network and the logistics challenges
- Brand Partnering was largely unchanged compared to last year
- Other was impacted by aluminium components products for third parties, currency hedges and unallocated items

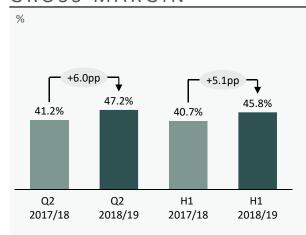
#### Channels

- Logistics challenges mainly impacted the monobrand channel, while the transformation of the distribution and sales network mainly impacted the multibrand channel
- Channel mix impacted by DKK 20-25m transferred from multibrand to monobrand

1) Growth in local currencies

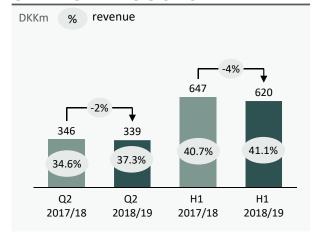
### **P&L HIGHLIGHTS**

#### GROSS MARGIN



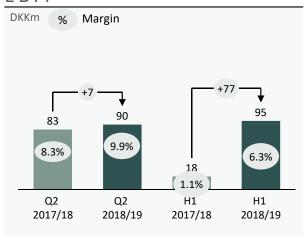
- Significantly gross margin improvement (6.0 percent points) driven by:
  - $\quad \ \, \exists \ \, \text{Improved product profitability}$

#### CAPACITY COSTS



- Development costs declined due to changed operating model
- Increase in distribution and marketing costs reflects investment in building brand awareness and in transforming the mono-, multi- and e-commerce channels
- DKK 10m impairment included in administration costs

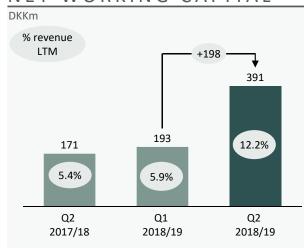
#### **EBIT**



- The improved EBIT margin is a result of the agile and asset-light operating model that B&O has adapted during the last years
- EBIT margin improvement of 1.6 percentage point driven by:
  - **Đ** Gross margin improvement
  - **D** Lower development cost

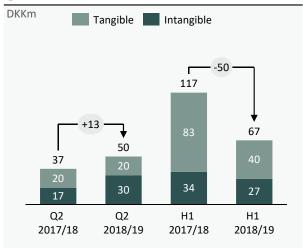
# NET WORKING CAPITAL, CAPEX AND FREE CASH FLOW

#### NET WORKING CAPITAL



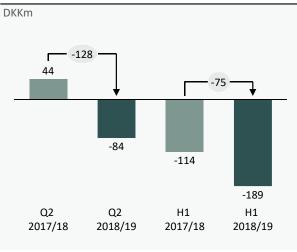
 Net working capital impacted by temporary actions to mitigate the adverse impact from the new logistics setup in Q2, hence higher trade receivables due to short-term extension of credit terms to retailers and seasonality

#### CAPEX



- Increased capex in Q2 driven by development of new platforms such as e-commerce, and product platforms
- In H1 2017/18, the majority of tangible capex related to modernising the premise, Innovation Lab, in Struer

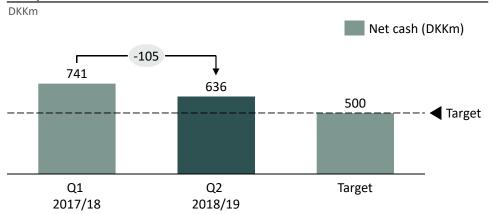
#### FREE CASH FLOW



- Free cash flow in Q2 negatively impacted by
  - □ Increased net working capital as a consequence the challenges experienced in the monobrand logistics setup
  - ∃ Higher capex than LY

# CAPITAL STRUCTURE, DISTRIBUTION TO SHAREHOLDERS AND SHAREHOLDERS OVERVIEW

#### Capital structure and distribution



#### Share buyback programme

- Share buyback of DKK 485m launched after approval at the Annual General Meeting (23 August 2018)
- DKK 223m (54% of total programme) acquired as of 13 February 2019

#### **Capital structure**

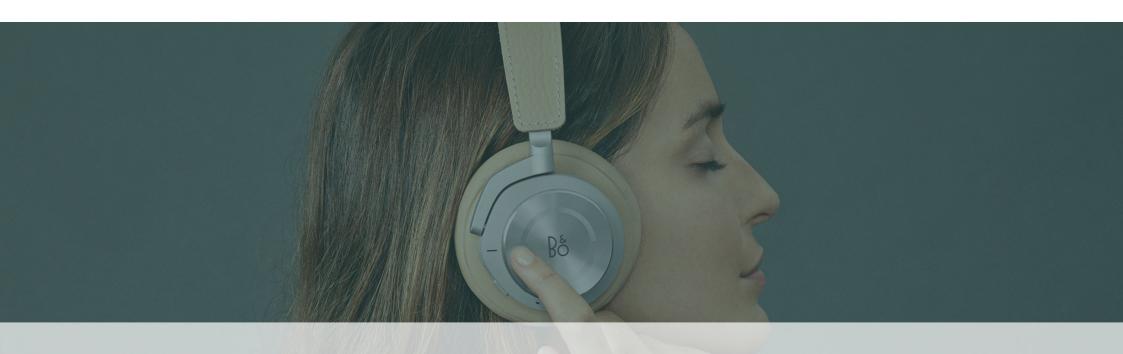
 Net cash position of DKK 636m (as of Q2 2018/19), hence significantly above capital structure net cash target of minimum DKK 500m

#### Bang & Olufsen share(FY 2017/18)

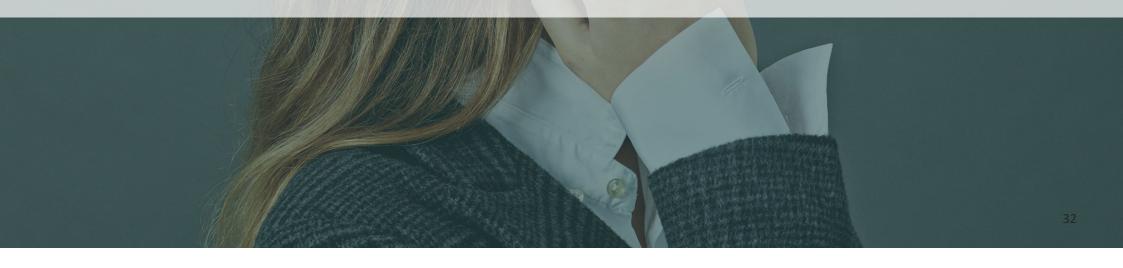
Stock exchange:	NASDAQ Copenhagen A/S
Identification code (ISIN):	DK 0010218429
Shares in circulation:	43,197,478
Registered shareholders (approx.): Of wich in Denmark (approx.):	21,000 20,300
Listed capital placed in Denmark	53%

#### Majority shareholders (FY 2017/18)

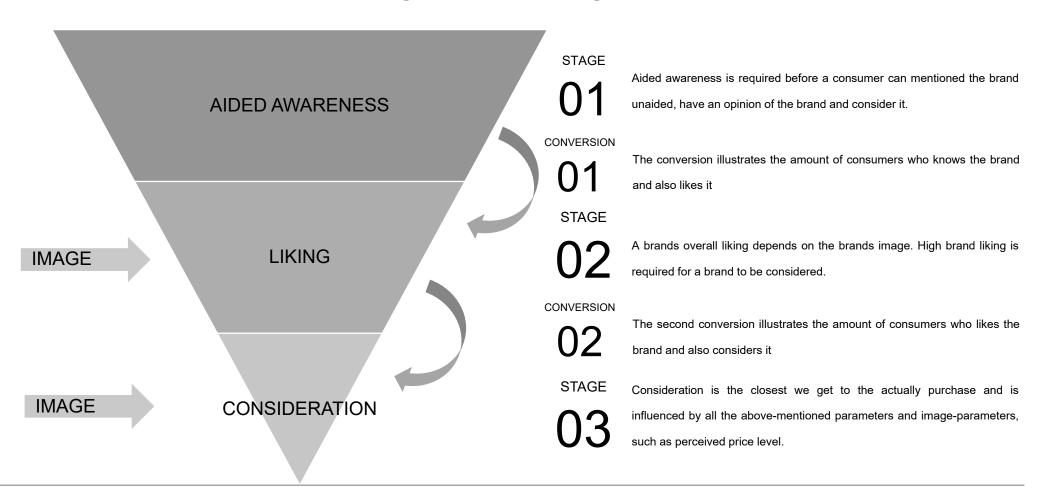
	#shares held	Capital/votes (%)
Sparkle Roll (Denmark) Limited	6,469,358	14.9%
Arbejdsmarkedets Tillægspension	4,986,921	11.5%
Nordea Investment Funds	2,490,766	5.8%



# BACKUP SLIDES - BRAND AWARENESS



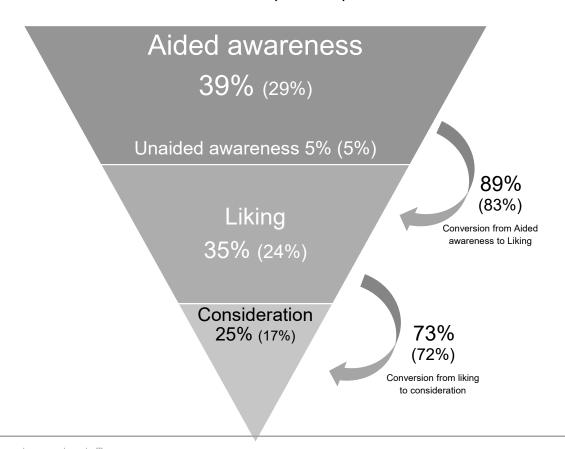
### The steps in order to achieve the goal in becoming the most desired brand



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Looking across all markets and categories, 39% knows B&O which is significant higher for Creative Curators than the broad target group. 89% of those who knows B&O also likes B&O. Whereas 73% of those who likes B&O also consider buying the brand

#### FUNNELS | ACROSS ALL MARKETS AND CATEGORIES | 2018 | CREATIVE CURATORS

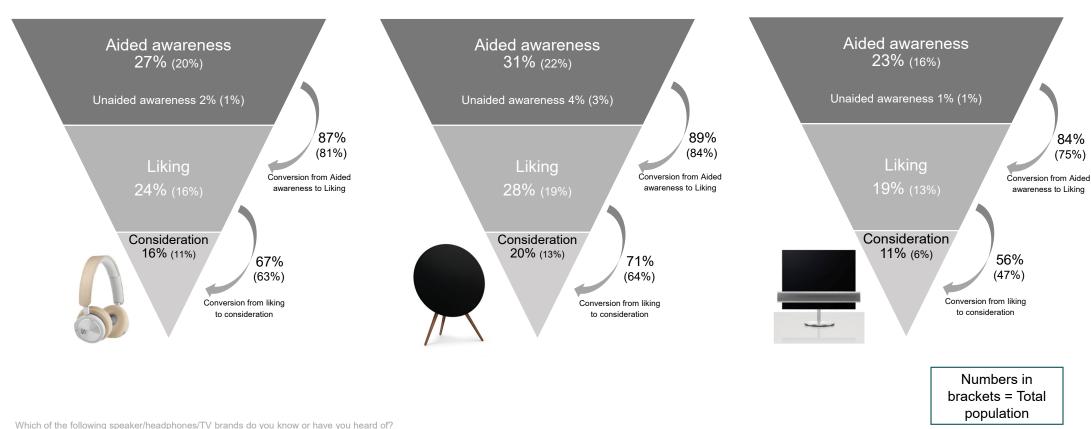


Numbers in brackets = Total population



If we dive into the different categories, B&O has the strongest position within the speaker category, with the highest level of awareness, liking, consideration and conversions

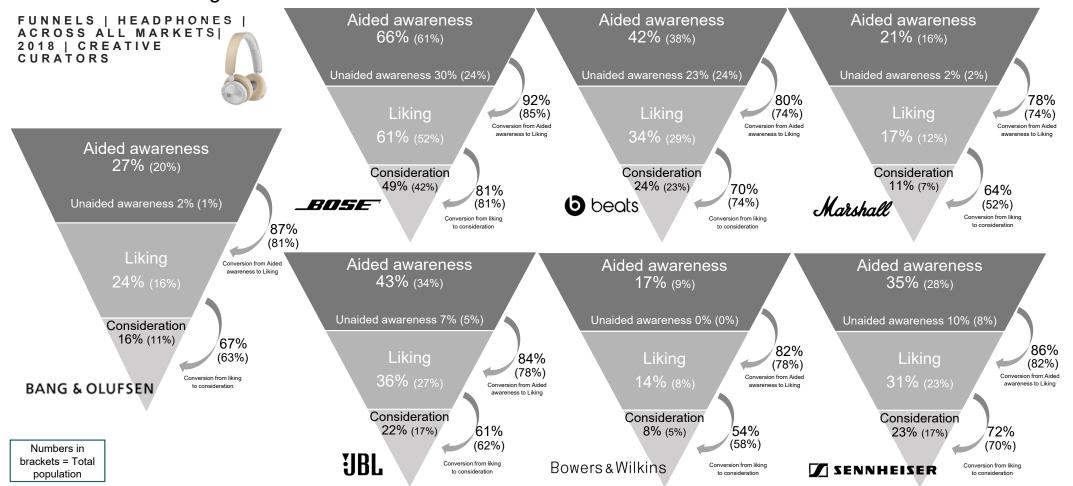
#### FUNNELS | ACROSS ALL MARKETS | 2018 | CREATIVE CURATORS



annalect

Which of the following speaker/headphones/TV brands do you know or have you heard of?
What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?
Total: Sample size: 124 - 1851 | Creative Curators:19 - 630

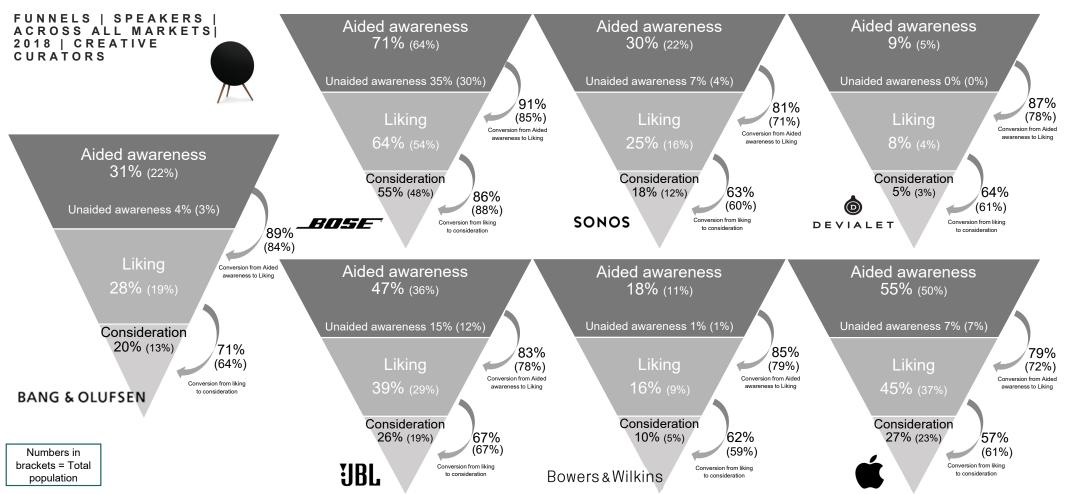
Compared with the competitors within the headphone category, Bose has the highest awareness. B&O has a higher awareness than Marshall and Bowers & Wilkins. Likewise B&O has the second highest conversion from awareness to liking – but all brands are at a high level. Compared with Marshall, JBL and Bowers & Wilkins, B&O has a higher conversion from liking to consideration



Which of the following headphones brands do you know or have you heard of?
What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?
Total: Sample size: 171 - 2009 | Creative Curators:67 - 630



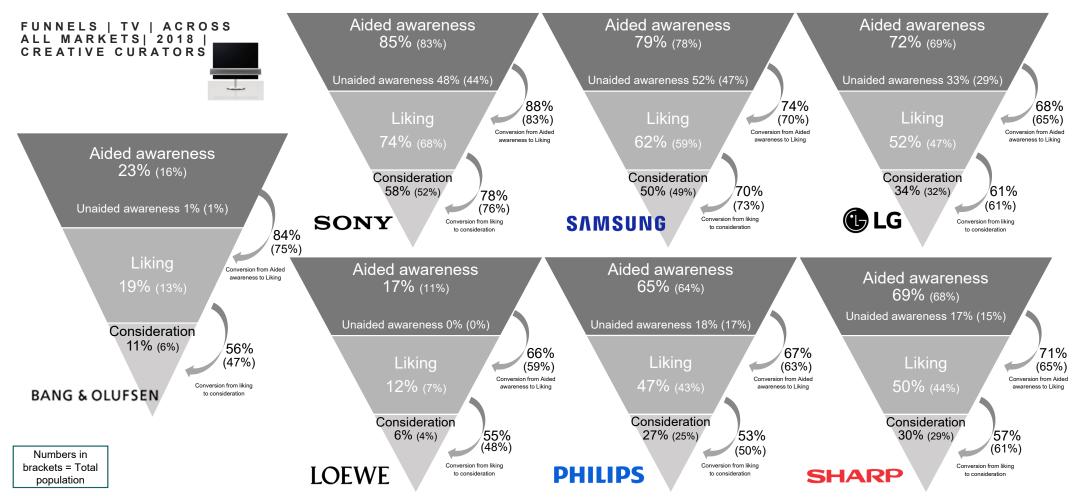
Looking at the speaker category the picture is somewhat the same. Bose, Apple and JBL performs better than B&O but B&O performs better than Sonos, Devialet and Bowers & Wilkins



Which of the following Speaker brands do you know or have you heard of?
What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?
Total: Sample size: 181 – 2009 | Creative Curators: 81 - 630



Within the TV category the competitors have an awareness level that are considerable higher than B&O's. Only Loewe has a lower awareness – and B&O performs better than Loewe on all the other parameters. Sony is the market leader, who performs the best within all parameters

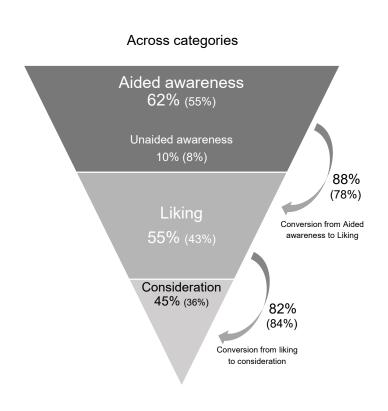


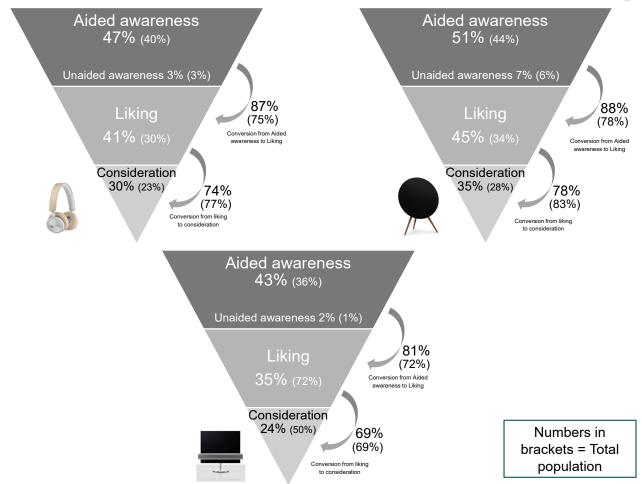
Which of the following TV brands do you know or have you heard of?
What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?
Total: Sample size: 152 - 2009 | Creative Curators: 29 - 630



Looking at the different cities - B&O is performing the best in London with the speaker category having the strongest performance on all parameters

#### FUNNELS | LONDON | 2018 | CREATIVE CURATORS





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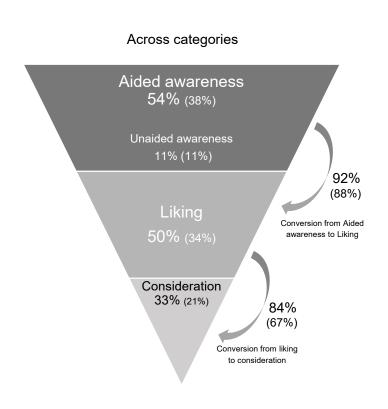
Q4/Q8/Q12: Which of the following speaker/headphones/TV brands do you know or have you heard of?

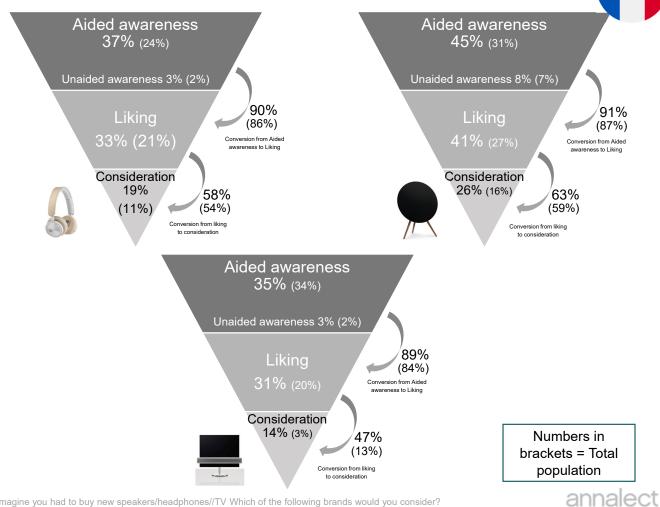
Q5/Q9/Q13: What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?

Sample size: Total: 334 – 2007 | Creative curators: 157 - 508

In Paris it is also the speaker category which has the strongest position but the conversion from liking to consideration is lower than average across markets

#### FUNNELS | PARIS | 2018 | CREATIVE CURATORS





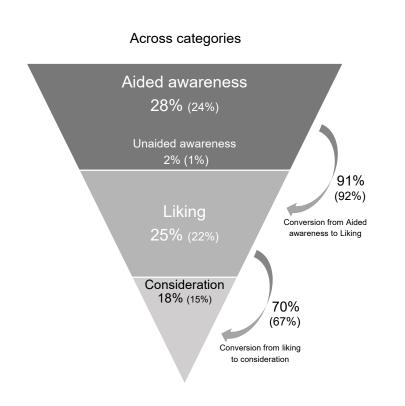
Q4/Q8/Q12: Which of the following speaker/headphones/TV brands do you know or have you heard of?

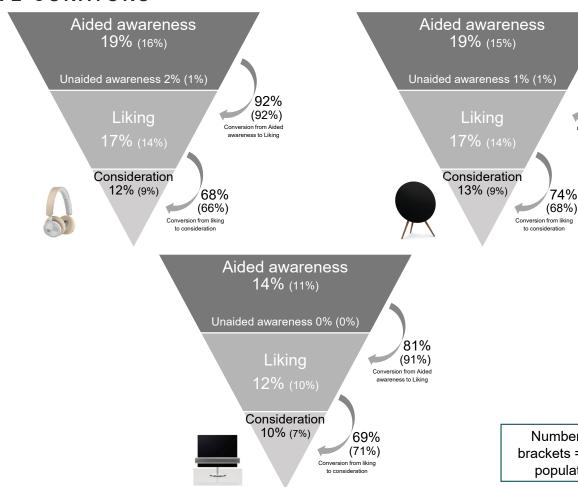
Q5/Q9/Q13: What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?

Sample size: Total: 61 – 2003 | Creative curators: 30- 539

In Shanghai the level of awareness is lower than average across markets but the conversion from awareness to liking is still on a very high level - meaning those who know B&O also likes the brand





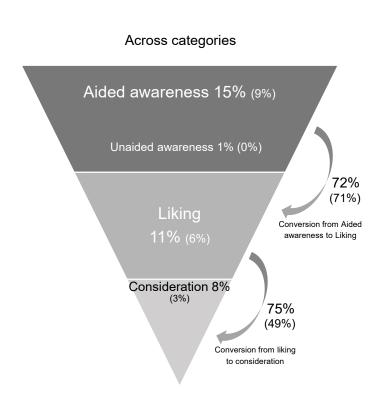


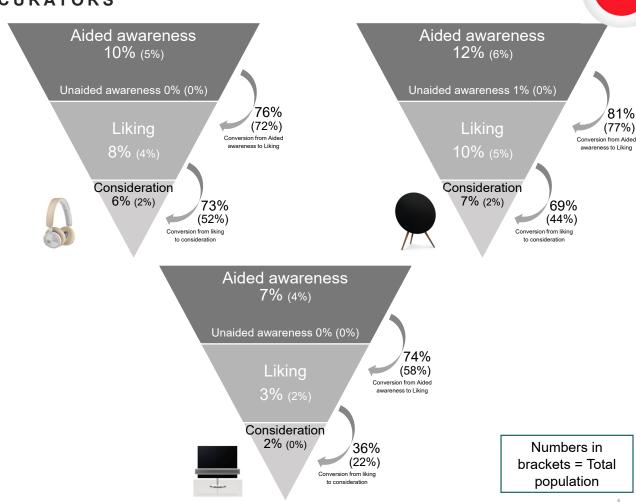
Numbers in brackets = Total population

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### The low level of awareness in Tokyo has a large negative impact on the following levels in the funnels

#### FUNNELS | TOKYO | 2018 | CREATIVE CURATORS





Q4/Q8/Q12: Which of the following speaker/headphones/TV brands do you know or have you heard of?

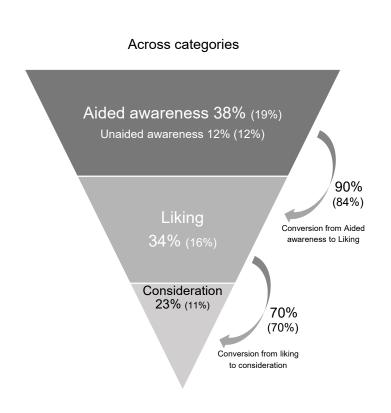
Q5/Q9/Q13: What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?

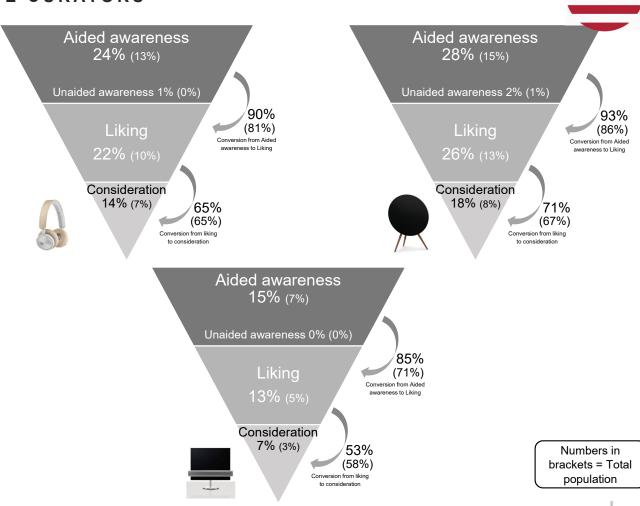
Sample size: Total: 129 – 2008 | Creative curators: 36 - 289



### In New York the levels within the TV category is lower than average across all markets

#### FUNNELS | NEW YORK | 2018 | CREATIVE CURATORS





Q4/Q8/Q12: Which of the following speaker/headphones/TV brands do you know or have you heard of?

Q5/Q9/Q13: What is your attitude towards the following speaker/headphones/TV brands? / Q6/Q10/Q14: Imagine you had to buy new speakers/headphones/TV Which of the following brands would you consider?

Sample size: Total: 66 – 2005 | Creative curators: 34 - 423

