

TEST REPORT

Reference No	WTF21X10112413Y
Applicant:	Mid Ocean Brands B.V.
Address:	87/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer:	115164
Address. ::	
Product: :	Wireless headphone with pouch
Model(s)	MO6350
Total pages:	8 pages
Standard::	EN 50332-2:2013: Sound system equipment: Headphones and earphones associated with personal music players - Maximum sound pressure level measurement methodology Part 2: Matching of sets with headphones if either or both are offered separately, or are offered as one package equipment but with standardized connectors between the two allowing to combine components of different manufacturers or different design
Test procedure:	Type Approval
Date of Receipt sample:	2021-10-27
Date of Test:	2021-10-27 to 2021-10-29
Date of Issue:	2021-12-06
Test Result	This Active Noise Cancelling Wireless Stereo Headphones has been measured in all cases requested by the relevant standards: Test results in annex of this test report are below limits specified in the relevant standards: EN 62368-1:2014+A11:2017
Conclusion:	Pass Tel Life Life
Remarks:	
reproduced, except in full, withou	report refer only to the sample(s) tested, this test report cannot be to prior written permission of the company. The report would be invalid itute and the signatures of compiler and approver.
Address: 1/F., Room	Altek Testing Group (Shenzhen) Co., Ltd. 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, 10 Bao'an District, Shenzhen, Guangdong, Chin Tel: 186-755-33663308
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Compiled by:	Approved by:
	the text text text text with with
John Zhong	the four
John Zhong / Project Engin	eer Harvid Wei/ Manager

with the requirements of the standards.

Page 2 of 8



est item description	····: Wireless headphone with pouch
Trademark	
Model and/or type reference	: MO6350
Rating(s)	
Test Laboratory	Waltek Testing Group (Shenzhen) Co., Ltd.
Address	1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd
	Road, Block 70 Bao'an District, Shenzhen, Guangdong, China
The sample(s) tested complies wit	ith the requirements of EN 50332-2: 2013.
The sample(s) tested complies wi	ith the requirements of EN 50332-2: 2013.
The sample(s) tested complies wit	ith the requirements of EN 50332-2: 2013.
White White white white	ith the requirements of EN 50332-2: 2013.
Model Differences	ith the requirements of EN 50332-2: 2013.
Model Differences	ith the requirements of EN 50332-2: 2013.
Model Differences	ith the requirements of EN

Reference No. WTF21X10112413Y

Page 3 of 8



lest case verdicts	
Test case does not apply to the test object:	N(N/A)
Test item does meet the requirement:	P(Pass)
Test item does not meet the requirement:	F(Fail)
Testing	ties write white white when any are
Date of receipt of test item:	2021-10-27
Date(s) of performance of test:	2021-10-27 to 2021-10-29
Degree of protection against moisture:	IP20 A THE TELL STEEL STEEL STEEL
General remarks	THE MALL WALL WALL AND THE STREET
The test result presented in this report relate of This report shall not be reproduced, except in laboratory.	only to the object(s) tested. full, without the written approval of the Issuing testing
The report would be invalid without specific sta The report would be invalid without the signatu "(see Enclosure #)" refers to additional inform "(see appended table)" refers to a table appen	res of reporter and reviewer. ation appended to the report.
Remark:	WITE WALL WALL WALL WALL WALL WALL TO THE WALL WALL WALL WALL WALL WALL WALL WAL
Whether parts of tests for the product have be ☐ Yes	een subcontracted to other labs: No
If Yes, list the related test items and lab inform Test items:	nation:
Lab information:	



EN 50332-2: 2013			
Clause	Requirement – Test	Result - Remark	Verdict
et	TEX THEY SLIER WITH WITH WALL WALL	Mr. M. M.	LET LET
4	Basic conditions for specifications and measur	unti unt P	
4.1	General description	at at the	TEL TELP
EK WALTE	The sound pressure level produced by headphones or earphones can be measured by subjective methods or by objective methods.	TEX WIFE MITER WIT	EX TEX PLI
WALTER.	The reference method for evaluating the sound pressured level emitted by earphones is a psycho acoustic method known as "equal loudness" (EN60268-7)	MULTER WALTER WALTER	MULTER METER
4.2	Measuring principle	White Muli Muli a	Р
itek waii	The standard is based on the use of a Head and Torso Simulator (HATS) in accordance with IEC 60318-7	NITER WALTER WALTER WA	PWI P
MUTEK A	The sound pressure level measured by the ear simulator microphone represents the pressure found at eardrum level and differs from that of the free field pressure by the HATS transfer function	THE WALTER WALTER	White William
NITEK IN	THE MY MATE IN THE THE	et stet	LIEK WITEK N
5	Player characteristics and methods of measure	ement of the contract of the c	Р
5.1	Maximum output voltage Vm	LIE ALTE MINE UNL	N. I. N.
5.2	Method of measurement and conditions		- N ≪
5.2.1	Input signal	er white white whi	mur mN
	Actual musical signals are continuously fluctuating in both amplitude and spectral contents and thus cannot be used as test signals	WALTER WHITER WHITER	JUNITER WHITER
er witer	The test signal must therefore be a stationary wide-band signal, the spectral content of which is representative of the musical signals.	inite united white wh	Et VIET N
WALTER	The test signal used to determine the maximum sound pressure level of headphones shall be programme simulation noise, as defined in HD 483.1 S2.	A MUTER MUTER MUTER	until un N
5.2.2	Operating conditions	SIEK WIEK WITER	nite whit N N
CEX IS	- By a established power supply	W The state of	Et TET N
MU	- tolerance of nominal supply voltage	TILE MILL MUST MUST	N _n
WALTER	- All controls are adjusted to maximum sound pressure level	EX WILEX WALLEY WALLE	Junii et unii
	- load of player output	L A A	N ^t



EN 50332-2: 2013				
Clause	Requirement – Test	Result - Remark	Verdict	
5.2.3	Method of measurement for analogue audio outputs	- Tex ITEX STEEL WITER	N	
WILLER MAI	The measuring equipment shall conform to: - EN 61672-1, class 1 for (sound level meters); - EN61260, class 1 for (1/3 octave analysers).	WILES MILES MULTER MILIER	MITEN THE	
iek while	The maximum output voltage Vm shall be defined as unweithted r.m.s. voltage at the load, using an averaging time of 30 s or more.	TEX WATER WATER WHITER WA	FEET NILLY	
5.2.4	Method of measurement for digital audio outputs	ex alter white walter wall	MIN	
MULTER AN	The maximum output level Lm shall be defined as average of digital signal, using an averaging time of 30 s or more.	WHITEK WHITEK WHITEK	WALL N	
LIFERWALT	The digital input test signal is defined in EN 50332-1 as -10 dBFS.	NITER WALTER WALTER WALTER W	Lie Nati	
ex outer	White Autic Mail Mar My Art	TEK TEK STEK STEK SO	TEK WALTE	
6	Headphone/Earphone characteristics and meth	ods of measurement	Р	
6.1	Measuring equipment	CLIER WHIER WALTER WALTER	w P	
nitek _v un	The measuring equipment shall be in accordance with EN 61672-1when connected with a HATS microphone.	THE WALTER WALTER	MITEL POR	
6.2	Simulated programme signal characteristic voltage	LIFE WALTER WALTER WA	P	
6.3	Method of measurement arrangement and conditions	ex whitex whitex white whit	ΝP	
6.3.1	Input signal	THE TEX STEEL STEEL	P	
iliek mi	- is program simulation noise as defined in HD 483.1 S2	WAL ME WE TEX	P N	
الد الد	- according part 1, subclause 5.1	We are the total	Р	
6.3.2	Source impedance of analogue input devices	TEX OLIER WILL MULTER WA	Р	
TEX	- output impedance of the test signal source	and the state of	P	
6.3.3	Acoustical measurement method	MALLE MALL WALL WALL	Р	
6.3.4	Headphones / earphones fit	TEX TEX LIEX SLITER	JULI P N	
JEK MI	- Position correctly for measuring maximum sound pressure	and any on the	TEF P	
1 14	- the manufacturer's instruction for correct use	in my my my	Р	
6.3.5	Measure of evaluation	EX SITEX WITER WITER WITER WITER	P	
<i>*</i>	- part 1, subclause 6.4	70 T	P.	

Page 6 of 8



EN 50332-2: 2013				
Clause	Requirement – Test	Result - Remark	Verdict	
at the same of the	- sound pressure level reaches 94 dB SPL	m m m	P-	
Wr. M	and the state of the	LIER WILLER WALTER WALTER WALTER	WILL	
Annex A	Example test procedure for acoustic safety	of listening devices	TEP .	
A.1	Acoustic coupling between listening device's re HATS(head and torso simulator)	eceiver and the ear simulator on	P	
A.1.1	General	Write Mrit Mr. Mr. Mr.	Р	
A.1.2	Circum-aural, Supra-aural and Supra-concha listening devices	Writek Writek Whitek Whi	II NIP	
A.1.3	Intra-concha listening devices	at let let liet slite	P	
A.1.4	Insert type listening devices	The Mary Mary And	Р	
A.2	Measurement and Analysis(General)	H LIEK NITER WITER WHITE	M TILL BALL	
A.3	Corded analogue listening device	Mr. And The City City	P.	
A.4	Corded digital listening device	Write Mrite Mrite Mri M	Р	
A.5	Cordless digital listening device	at the the the of	P	
A.6	Listening device with multiple operating mode	Sti Muri Aug Aug	Р	



Table 2 - Classification of the characteristics to be specified

Subclause	Characteristics	Products	
5.1	Maximum output voltage	Player	
6.1	Wide band characteristic voltage	Headphones	

Measuring result:

5.1	Measuring result	JEK MIN WITE	
TEXT .	SPL (dB)	Vmax (mV)	Criterion request(mV)
Left side	t it lit let	a tex writer water water water	mer mer
Right side	Write Mill Aut Mill A	at alt alt alt alter	NITER MULTER W

6.3.5	Measuring result (SPL) (Part 1, 6.4) (AUX mode)				L P A
Wei M	Measurement No.1	Measurement No.2	Measurement No.3	Measurement No.4	Measurement No.5
Left side	95.49	95.66	95.73	95.64	95.78
Right side	96.90	96.83	96.88	96.66	96.68
Average	Left side: 95.66	44 45	Right side:96.79	o while of	Vr. Mr. M

6.3.5	Measuring result (SPL) (Part 1, 6.4) (Bluetooth mode)				MITE P WITE
TEX J	Measurement No.1	Measurement No.2	Measurement No.3	Measurement No.4	Measurement No.5
Left side	93.67	93.77	93.84	93.77	93.65
Right side	92.98	93.10	93.06	93.12	93.09
Average	Left side: 94.74	EK MITER WALL	Right side: 93.07	W. Ash	at at a

W

Photo Documentation

Model: MO6350





===== End of Report =====