

Dai-Ichi Group of Companies
Corporate Engineering Department
PRODUCT SPECIFICATION AND APPROVAL SHEET

MODEL NAME : DTSC-25	CUSTOMER : WESCOM
SERIAL NO :	MANUFACTURER : ADVANCED SOUND TECHNOLOGY INC.

PARAMETERS	SPECIFICATIONS
1.SPEAKER TYPE AND SIZE	25 PHI DOME TWEETER
2.MINIMAL IMPEDANCE	6 OHMS +/- 15%
3.RESONANACE FREQUENCY, Fb (LMS)	1400Hz +/- 20%
4.SENSITIVITY	90dB +/-3dB/1W @ 1M on 1000, 2000, 5000 AVE.
5.EFFECTIVE FREQUENCY BAND	1400Hz to 20kHz
6.INPUT POWER	Nominal : 25 Watts Maximum : 50 Watts
7.MAGNET SIZE(MAIN)	MAGNET FERRITE 70 X 32 X 15mm
8.MAGNET SIZE(CANCEL)	N/A
9.FLUX DENSITY	N/A
10.BUZZ,RATTLE TEST	5V, 4 W Sine Wave from 500Hz-20KHz
11.OPERATION TEST*	5 V 4 W Program Source
12.AGEING TEST*	4 V up to 8 hours using EIA RS426A
13.HEAT TEST*	70 +/-2 deg C, 20 to 50% Humidity for 24 Hours
14.HUMIDITY TEST*	40 +/-2 deg C, 90 to 95% Humidity for 24 Hours
15.TEMPERATURE CYCLING TEST*	(-)20 degC to 70 deg C, 2 Hrs/cycle(C) for 5 cycles
16.FREQUENCY RESPONSE GRAPH	See Attached Graph
17. IMPEDANCE	N/A
18. TSL PARAMETERS	N/A

Number of Speakers Tested piece/s

ITEM / PARAMETERS	ACTUAL TEST RESULT											
	01	02	03	04	05	06	07	08	09	10	11	12
MINIMAL IMPEDANCE, Zmin,Ohms	5.1	5										
RESONANCE FREQUENCY 50Hz +/- 20Hz	1290	1293										
SENSITIVITY SPL 90 dB 1W @ 1M	90	90										

* Test is passed if system meets specifications 3,4,10 after 2 hours in normal room conditions.

CUSTOMER'S APPROVAL

APPROVED BY:

DATE:

PLEASE AFFIX YOUR SIGNATURE AND SEND BACK TO FAX#: 632-645-6633/632-681-5320

Prepared by : Mr. Edward Viña		Approved by : Mr. Neil Lim CED - Manager
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FIG. 1: FREQUENCY VS.SPL

