



ISO 9001 CERTIFIED

DNH

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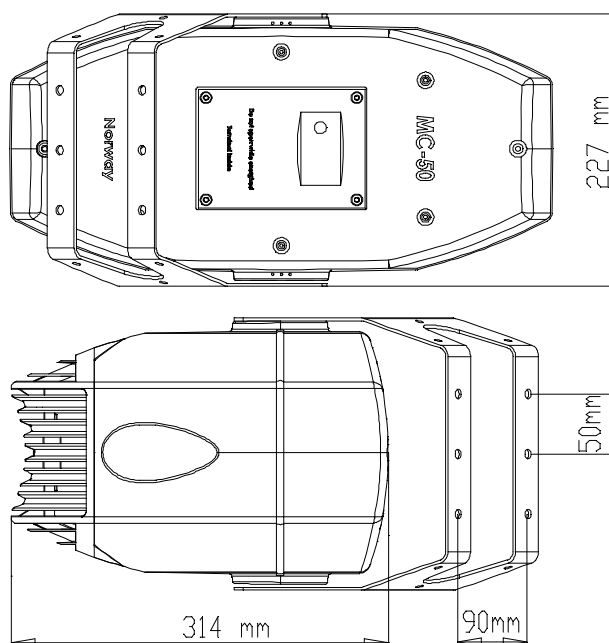
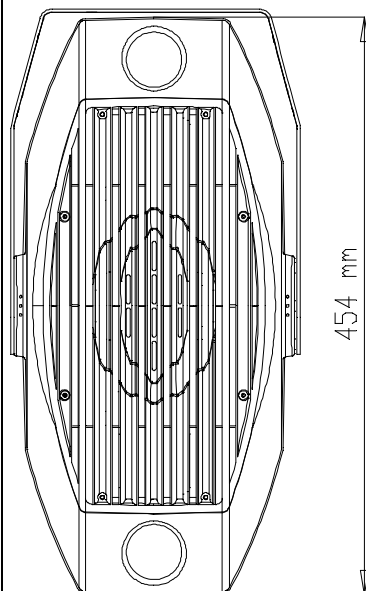
DNH Speakers Inc

Phone..... + 1 484 494 5790

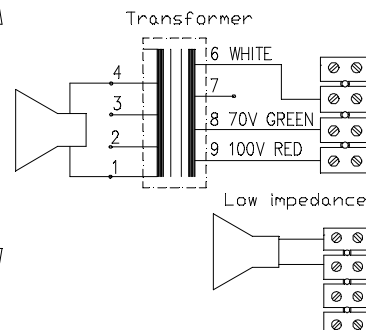
Fax..... + 1 484 494 5793

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MC-50(T)



CIRCUIT DIAGRAM



70/100 Volt combined transformer Primary connections

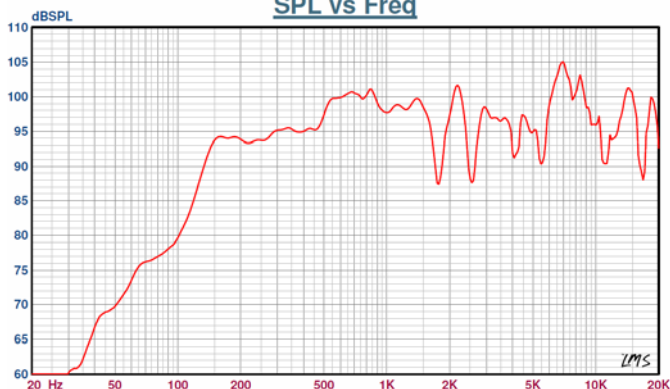
White : Green	70 V
White : Red	100 V

Secondary nominal tapings

1 : 4	50,0 W
1 : 3	27,0 W
2 : 4	18,0 W
1 : 2	15,0 W
3 : 4	7,5 W
2 : 3	3,5 W

Sound pressure levels at 1W/1m

SPL vs Freq



Specifications

Material / Color	ABS , V0 / RAL 7035
Mounting	Bracket
Termination	Screw terminal in termination chamber
Weight w/transformer	6,2 Kg
IP-rating	55
Max. / min. amb. temp	90°C / -40°C
Rated / max. power	50 W / 70 W
SPL 1W/1m	98 dB
SPL rated power	115 dB
Effective freq. range	90 – 20000 Hz
Dispersion (-6dB) 1kHz / 4kHz	Horizontal 84°/105° Vertical 127°/105°
Directivity factor, Q	Horizontal 4,3 Vertical 2,8
Options	Impedances, colors, labels

Installation, Operation and Maintenance Procedures

- Unscrew lid, lead cable through cable gland and connect to terminal according to required power.
- Tighten cable gland and fasten termination chamber lid with a torque of 1-2 Nm to assure IP grade.
- Fasten the bracket to wall or ceiling with 3 screws.
- To change the position of the loudspeaker, please adjust the bracket (by loosening / tightening the screws) as required.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do not open loudspeaker when energized.
- This loudspeaker is supplied with a 2 year warranty against defective workmanship.

DNH reserves the right to alter specifications without notice

