



SERVICE MANUAL

NX25P-2

TYPE: YS1107

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Quality and Innovation Since 1963
Printed in Canada

SMT Disclaimer

Due to the complex nature of the use of SMT installed components in Yorkville equipment, we highly caution all service technicians in attempting to repair or replace SMT factory installed components.

Many of these components may be glued prior to initial soldering.

Replacing SMT components requires expensive specialized de-soldering equipment and training.

Yorkville Sound will repair and replace defective SMT components to ensure proper quality assurance and installation is maintained.

IMPORTANT SAFETY INSTRUCTIONS



This lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Ce symbole d'éclair avec tête de flèche dans un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'un «voltage dangereux» non-isolé à proximité de l'enceinte du produit qui pourrait être d'ampleur suffisante pour présenter un risque de choc électrique.



The DO NOT STACK symbol is intended to alert the user that the product shall not be vertically stacked because of the nature of the product.

La symbole NE PAS EMPILER est pour alerter l'utilisateur que le produit ne doit pas être empilé verticalement en raison de la nature du produit.



CAUTION • AVIS

**RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR**



**DO NOT
PUSH OR PULL**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Le point d'exclamation à l'intérieur d'un triangle équilatéral est prévu pour alerter l'utilisateur de la présence d'instructions importantes dans la littérature accompagnant l'appareil en ce qui concerne l'opération et la maintenance de cet appareil.



**SEPARATE
COLLECTION
WEEE**



**CAUTION: HOT SURFACE
ATTENTION: SURFACE CHAUDE**



**NOT TO BE SERVICED
BY USERS**

FOLLOW ALL INSTRUCTIONS

Instructions pertaining to a risk of fire, electric shock, or injury to a person

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. THIS DEVICE IS FOR INDOOR USE ONLY!

INSTALLED BATTERY PACKS SHALL NOT BE EXPOSED TO EXCESSIVE HEAT

SUCH AS SUNSHINE, FIRE OR THE LIKE.

SUIVEZ TOUTES LES INSTRUCTIONS

Instructions relatives au risque de feu, choc électrique, ou blessures aux personnes

AVIS: AFIN DE REDUIRE LES RISQUE DE CHOC ELECTRIQUE, N'ENLEVEZ PAS LE COUVERT (OU

LE PANNEAU ARRIERE) NE CONTIENT AUCUNE PIECE REPARABLE PAR L'UTILISATEUR.

CONSULTEZ UN TECHNICIEN QUALIFIE POUR L'ENTRETIEN CE PRODUIT EST POUR L'USAGE A

L'INTERIEUR SEULEMENT. LES PACKS BATTERIES INSTALLEES NE DOIVENT PAS ETRE EXPOSES

A UNE CHALEUR EXCESSIVE TELLE QUE LE ENSOLEILLEMENT, LE FEU OU SIMILAIRES.

Read Instructions: The Owner's Manual should be read and understood before operation of your unit. Please, save these instructions for future reference and heed all warnings.

Clean only with dry cloth.

Packaging: Keep the box and packaging materials, in case the unit needs to be returned for service.

Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. *Do not use this apparatus near water!*

Warning: When using electric products, basic precautions should always be followed, including the following:

Power Sources

Your unit should be connected to a power source only of the voltage specified in the owners manual or as marked on the unit. This unit has a polarized plug. Do not use with an extension cord or receptacle unless the plug can be fully inserted. Precautions should be taken so that the grounding scheme on the unit is not defeated. An apparatus with CLASS I construction shall be connected to a Mains socket outlet with a protective earthing connection. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Hazards

Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious personal injury and serious damage to the product. Use only with cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Follow the manufacturer's instructions when installing the product and use mounting accessories recommended by the manufacturer. Only use attachments/accessories specified by the manufacturer. Note: Prolonged use of headphones at a high volume may cause health damage on your ears.

The apparatus should not be exposed to dripping or splashing water; no objects filled with liquids should be placed on the apparatus.

Terminals marked with the "lightning bolt" are hazardous live; the external wiring connected to these terminals require installation by an instructed person or the use of ready made leads or cords.

Ensure that proper ventilation is provided around the appliance. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

Power Cord

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. The AC supply cord should be routed so that it is unlikely that it will be damaged. Protect the power cord from being walked on or pinched particularly at plugs. If the AC supply cord is damaged DO NOT OPERATE THE UNIT. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from the AC receptacle. The mains plug of the power supply cord shall remain readily operable.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Service

The unit should be serviced only by qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Disconnect power before servicing!

Veillez Lire le Manuel: Il contient des informations qui devraient étre comprises avant l'opération de votre appareil.

Conservez. Gardez S.V.P. ces instructions pour consultations ultérieures et observez tous les avertissements.

Nettoyez seulement avec le tissu sec.

Emballage: Conservez la boîte au cas où l'appareil devait étre retourner pour réparation.

Avertissement: Pour réduire le risque de feu ou la décharge électrique, n'exposez pas cet appareil à la pluie ou à l'humidité. *N'utilisez pas cet appareil près de l'eau!*

Attention: Lors de l'utilisation de produits électrique, assurez-vous d'adhérer à des précautions de bases incluant celle qui suivent:

Alimentation - L'appareil ne doit étre branché qu'à une source d'alimentation correspondant au voltage spécifié dans le manuel ou tel qu'indiqué sur l'appareil. Cet appareil est équipé d'une prise d'alimentation polarisée. Ne pas utiliser cet appareil avec un cordon de raccordement à moins qu'il soit possible d'insérer complètement les trois lames. Des précautions doivent étre prises afin d'éviter que le système de mise à la terre de l'appareil ne soit désengagé. Un appareil construit selon les normes de CLASS I devrait étre raccordé à une prise murale d'alimentation avec connexion intacte de mise à la masse. Lorsqu'une prise de branchement ou un coupleur d'appareils est utilisée comme dispositif de débranchement, ce dispositif de débranchement devra demeurer pleinement fonctionnel avec raccordement à la masse.

Risque - Ne pas placer cet appareil sur un chariot, un support, un trépied ou une table instables. L'appareil pourrait tomber et blesser quelqu'un ou subir des dommages importants. Utiliser seulement un chariot, un support, un trépied ou une table recommandés par le fabricant ou vendus avec le produit. Suivre les instructions du fabricant pour installer l'appareil et utiliser les accessoires recommandés par le fabricant. Utilisez seulement les accessoires/accessoires indiqués par le fabricant. Note: L'utilisation prolongée des écouteurs à un volume élevé peut avoir des conséquences néfastes sur la santé sur vos oreilles.

Il convient de ne pas placer sur l'appareil de sources de flammes nues, telles que des bougies allumées.

L'appareil ne doit pas étre exposé à des égouttements d'eau ou des éclaboussures et qu'aucun objet rempli de liquide tel que des vases ne doit étre placé sur l'appareil.

Assurez que l'appareil est fourni de la propre ventilation. Ne procédez pas à l'installation près de source de chaleur tels que radiateurs, registre de chaleur, fours ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.

Les dispositifs marqués d'une symbole "d'éclair" sont des parties dangereuses au toucher et que les câblages extérieurs connectés à ces dispositifs de connection extérieure doivent étre effectués par un opérateur formé ou en utilisant des cordons déjà préparés.

Cordon d'Alimentation - Ne pas enlever le dispositif de sécurité sur la prise polarisée ou la prise avec tige de mise à la masse du cordon d'alimentation. Une prise polarisée dispose de deux lames dont une plus large que l'autre. Une prise avec tige de mise à la masse dispose de deux lames en plus d'une troisième tige qui connecte à la masse. La lame plus large ou la tige de mise à la masse est prévu pour votre sécurité. La prise murale est désuète si elle n'est pas conçue pour accepter ce type de prise avec dispositif de sécurité. Dans ce cas, contactez un électricien pour faire remplacer la prise murale. Évitez d'endommager le cordon d'alimentation. Protégez le cordon d'alimentation. Assurez-vous qu'on ne marche pas dessus et qu'on ne le pince pas en particulier aux prises. N'UTILISEZ PAS L'APPAREIL si le cordon d'alimentation est endommagé. Pour débrancher complètement cet appareil de l'alimentation CA principale, déconnectez le cordon d'alimentation de la prise d'alimentation murale. Le cordon d'alimentation du bloc d'alimentation de l'appareil doit demeurer pleinement fonctionnel.

Débranchez cet appareil durant les orages ou si inutilisé pendant de longues périodes.

Service - Consultez un technicien qualifié pour l'entretien de votre appareil. L'entretien est nécessaire quand l'appareil a été endommagé de quelque façon que se soit. Par exemple si le cordon d'alimentation ou la prise du cordon sont endommagés, si il y a eu du liquide qui a été renversé à l'intérieur ou des objets sont tombés dans l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, si il ne fonctionne pas normalement, ou a été échappé. Débrancher l'appareil avant d'enlever les couvercles!

IMPORTANT SAFETY INSTRUCTIONS



The Lightning Flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of shock to persons



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- WARNING:**
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
 - To completely disconnect this apparatus from the ac mains, disconnect the power supply cord plug from the ac receptacle.
 - The mains plug of the power supply cord or appliance coupler shall remain readily accessible.



The symbole représentant un éclair avec une flèche à l'intérieur d'un triangle équilatéral est utilisé pour prévenir l'utilisateur de la présence d'une tension électrique dangereuse non isolée à l'intérieur de l'appareil. Cette tension est d'un niveau suffisamment élevé pour représenter un risque d'électrocution



Le symbole représentant un point d'exclamation à l'intérieur d'un triangle équilatéral, signale à l'utilisateur la présence d'instructions importantes relatives au fonctionnement et à l'entretien de l'appareil dans cette notice d'installation

1. Lisez ces instructions.
2. Conservez ces instructions.
3. Respecter tous les avertissements.
4. Suivez toutes les instructions.
5. N'utilisez pas l'appareil près de l'eau.
6. Nettoyer uniquement avec chiffon sec.
7. Ne bloquez pas les ouvertures de ventilation. Installer en suivant les instructions du fabricant.
8. Ne pas installer près des sources de chaleur telles que radiateurs, bouches de chaleur, four ou autres appareils (y compris les amplificateurs) produisant de la chaleur.
9. N'annulez pas l'objectif sécuritaire de la fiche polarisée ou de la tige de mise à la terre. Une fiche polarisée possède deux lames avec une plus large que l'autre. Une prise avec mise à la terre possède deux lames et une troisième tige. La lame large ou la troisième tige sont fournis pour votre sécurité. Si la fiche n'entre pas dans votre prise, consultez un électricien pour remplacer la prise obsolète.
10. Protéger le cordon d'alimentation des piétinements ou pincements en particulier près des fiches, des prises de courant et au point de sortie de l'appareil.
11. Utilisez uniquement les accessoires spécifiés par le fabricant.
12. Utiliser uniquement avec un charriot, stand, trépied ou une table spécifiée par le fabricant, ou vendus avec l'appareil.
13. Débranchez l'appareil durant un orage ou lorsqu'il reste inutilisé pendant de longues périodes de temps.
14. Confiez toute réparation à un technicien qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce soit; comme lorsque le cordon d'alimentation ou la fiche est endommagé, lorsque du liquide a été renversé ou des objets sont tombés à l'intérieur, lorsque l'appareil a été exposé à la pluie ou l'humidité, ne fonctionne pas normalement, ou est tombé.

- AVERTISSEMENT:**
- Pour réduire les risques d'incendie ou de choc électrique, ne pas exposer cet appareil à la pluie ou à l'humidité et ne placez pas d'objets contenant des liquides, tels que des vases, sur l'appareil.
 - Pour isoler totalement cet appareil de l'alimentation secteur, débranchez totalement son cordon d'alimentation du réceptacle CA.
 - La prise du cordon d'alimentation ou du prolongateur, si vous en utilisez un comme dispositif de débranchement, doit rester facilement accessible

CAUTION

**TO PREVENT ELECTRIC SHOCK HAZARD,
DO NOT CONNECT TO MAINS POWER SUPPLY
WHILE GRILLE IS REMOVED.**

AVIS

**POUR PRÉVENIR LES RISQUES D'ÉLECTROCUTION,
NE PAS RACCORDER A L'ALIMENTATION ÉLECTRIQUE ALORS
QUE LA GRILLE EST RETIRÉE.**

LINE IN LEVEL 0

POWER LIMIT CLIP

MIC LEVEL

min max

BASS +

TREBLE +

min max

LINE IN

LINK OUT

MIC

CAUTION AVIS

RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

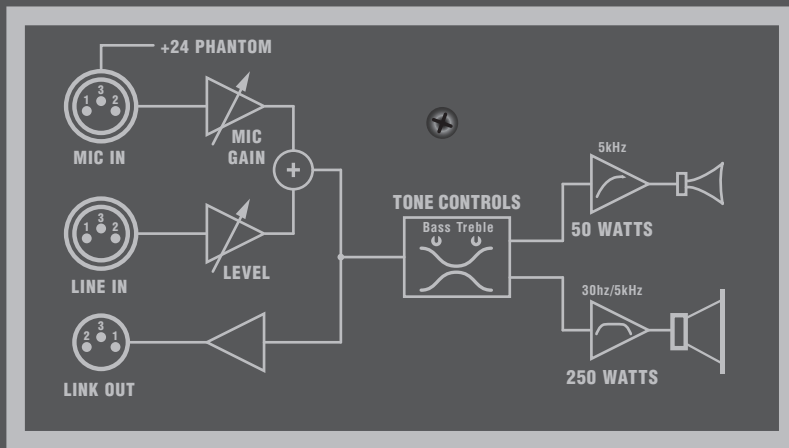


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S E R I E S T W O

nx25^P

300 WATT POWERED LOUDSPEAKER ENCLOSURE



ON



POWER

NX25P-2

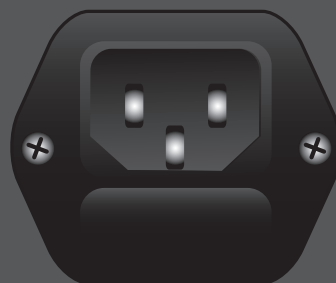
A-Z1471 / 3v9

100-240 V~ 50/60Hz 250W MAX FUSE: 3,15AL 250V sloblo	120 VAC 60Hz 250W MAX FUSE: 3,15AL 250V sloblo
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CAUTION: REPLACE WITH SAME TYPE FUSE AND RATING

ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE ET CALIBRE

Designed & Manufactured by
YORKVILLE SOUND • TORONTO, CANADA



LINE IN LEVEL 0

POWER LIMIT CLIP

MIC LEVEL

min max

BASS

TREBLE

min max

LINE IN

LINK OUT

MIC

CAUTION • AVIS

RISK OF ELECTRIC SHOCK
DO NOT OPEN
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR

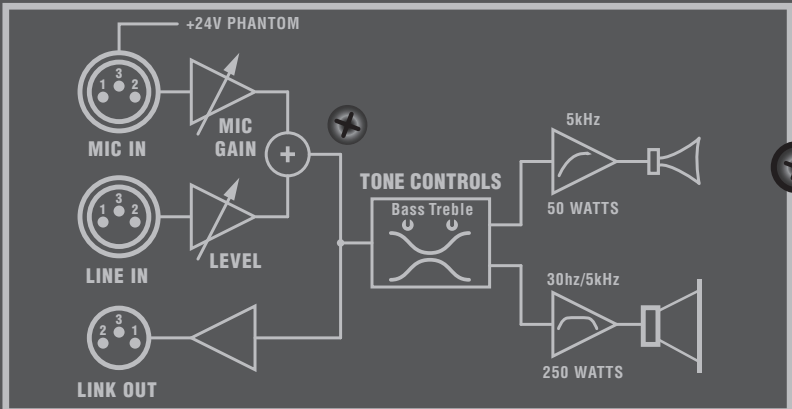


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S E R I E S T W O

nx25^P

300 WATT POWERED LOUDSPEAKER ENCLOSURE



ON

POWER

CAUTION: REPLACE FUSE WITH SAME TYPE AND RATING

ATTENTION: REMPLACER LE FUSIBLE DU MEME TYPE ET DU MEME COURANT NOMINAL

NX25P-2 REV2 A-Z1476 / 1v1

100-240V~ 50/60Hz 250W MAX FUSE: T3,15AL 250Vslblo	SERIAL NUMBER
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Designed & Manufactured by
YORKVILLE SOUND • TORONTO, CANADA

CERTIFIED ELECTRICAL SAFETY LR1004



Specifications

System Type	2-Way
Active or Passive	Active
Peak Power (watts)	600
Biampable	Self Powered
Biamp Operation Only	Yes
Max SPL (dB)	125
Frequency Response (Hz +/- 3db)	55 - 26k
Crossover Frequency (Hz)	4000
Driver Configuration	12 inch / 1 inch
HF Driver(s)	1 inch Throat, Ceramic Magnet, 1.4 inch PETP Film
HF Dispersion (°H x °V)	80 x 50
LF Driver(s)	12 inch Ceramic Magnet
Total Power (watts)	300
HF Power Amplifier (watts)	50
HF Amplifier Type	Class A/B
LF Power Amplifier (watts)	250
LF Amplifier Type	Two Tier Class H
Power Cable	Yes
Power Switch	Yes
Power Consumption (typ/max)	120 / 310 Va
Inputs	2
Inputs - 1/4-inch Jacks	1 Line / 1 Mic (XLR Combi jacks)
Input Sensitivity (Vrms Sine)	+4dBv / 1.23V
Mixer Controls	Mic Gain Line In Gain Bass/Treble
Level Controls	Line/Mic
Limiter	Yes
LED Indicators	Power,Limit,Clip
Feet	Yes
Flying Hardware	2 (Top), 2 (Bottom), 1 (Pullback)
Optional Flying Hardware	NX Flyware
Bar Handles	1 (Side)
Enclosure Materials	Injection molded Polypropylene
Grille	Perforated Metal
Dimensions (DWH xbackW, inches)	12.25 x 16 x 26.5 x 9
Dimensions (DWH xbackW, cm)	31.12 x 40.6 x 67.3 x 22.9
Weight (lbs/kg)	45.9 / 20.8

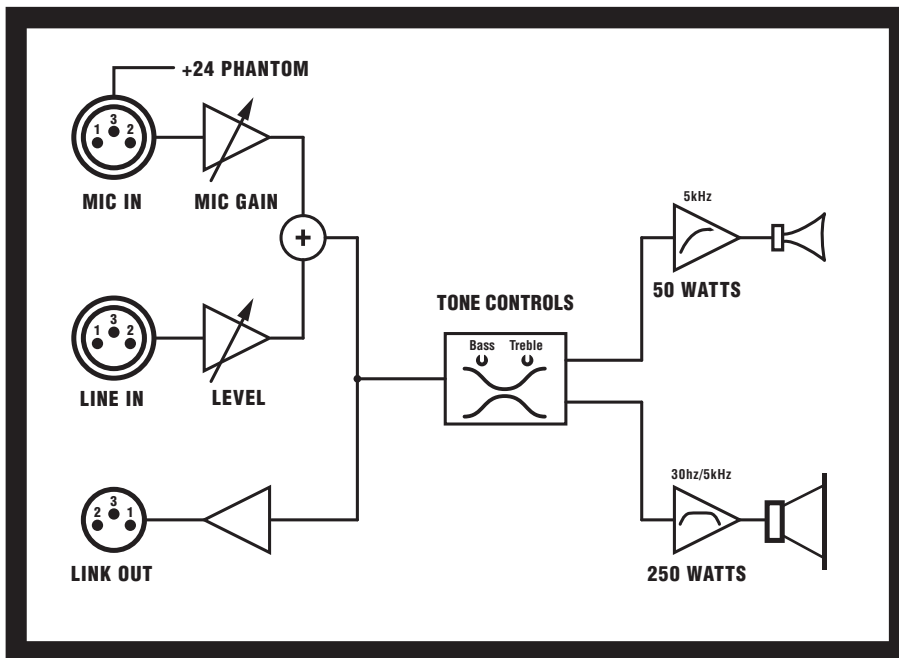
Spécifications

Type de système	2-Voies
Active ou Passive	Active
Peak Power (watts)	600
Capacité de Bi-amplification	Auto amplification
Opération en mode de Bi-amplification seulement	Oui
Pression Sonore Maximum (dB)	125
Réponse en Fréquences (Hz +/- 3db)	55 - 26k
Fréquence de coupure (Hz)	4000
Configuration de haut-parleur	12 pouces / 1 pouce
Driver(s) pour aiguës	Ouverture de 1 pouce, Aimant en céramique, Pellicule PETP 1.4 pouce
Dispersion pour fréquences aiguës(°H x °V)	80 x 50
Driver(s) pour graves	12 pouces Aimant de céramique
Puissance Totale (watts)	300
Amplificateur de puissance pour Aiguës (watts)	50
Type d'amplificateur pour les aiguës	Classe A/B
Amplificateur de puissance pour les Graves (watts)	250
Type d'amplificateur pour les graves	Deux étages Classe H
Cordon d'alimentation	Oui
Commutateur de mise en marche	Oui
Consommation de puissance (typ/max)	120 / 310 Va
Entrées	2
Entrées - 1/4-pouce Jacks	1 Ligne / 1 Mic (XLR Combi jacks)
Sensibilité d'entrée (Vrms Sinusoïdal)	+4dBv / 1.23V
Contrôles du mixeur	Gain pour microphone Gain Entré Ligne Graves / Aiguës
Contrôles de Niveau	Ligne, Microphone
Limiteur	Oui
DEL indicatrices	Alimentation, Limite, Clip
Pieds	Oui
Quincaillerie de suspension	2 (Dessus), 2 (Dessous), 1 (Arrière)
Quincaillerie de suspension Optionnelle	Quincaillerie NX
Poigné	1 (Côté)
Matériaux de construction	Polypropylène moulé par injection
Grille	Métal Perforé
Dimensions (PLH x L arrière, pouces)	12.25 x 16 x 26.5 x 9
Dimensions (PLH x L arrière, cm)	31.12 x 40.6 x 67.3 x 22.9
Poids (livres / kg)	45.9 / 20.8

S E R I E S T W O

nx25^P

300 WATT POWERED LOUDSPEAKER ENCLOSURE

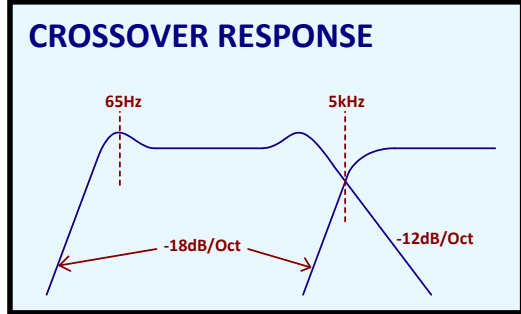
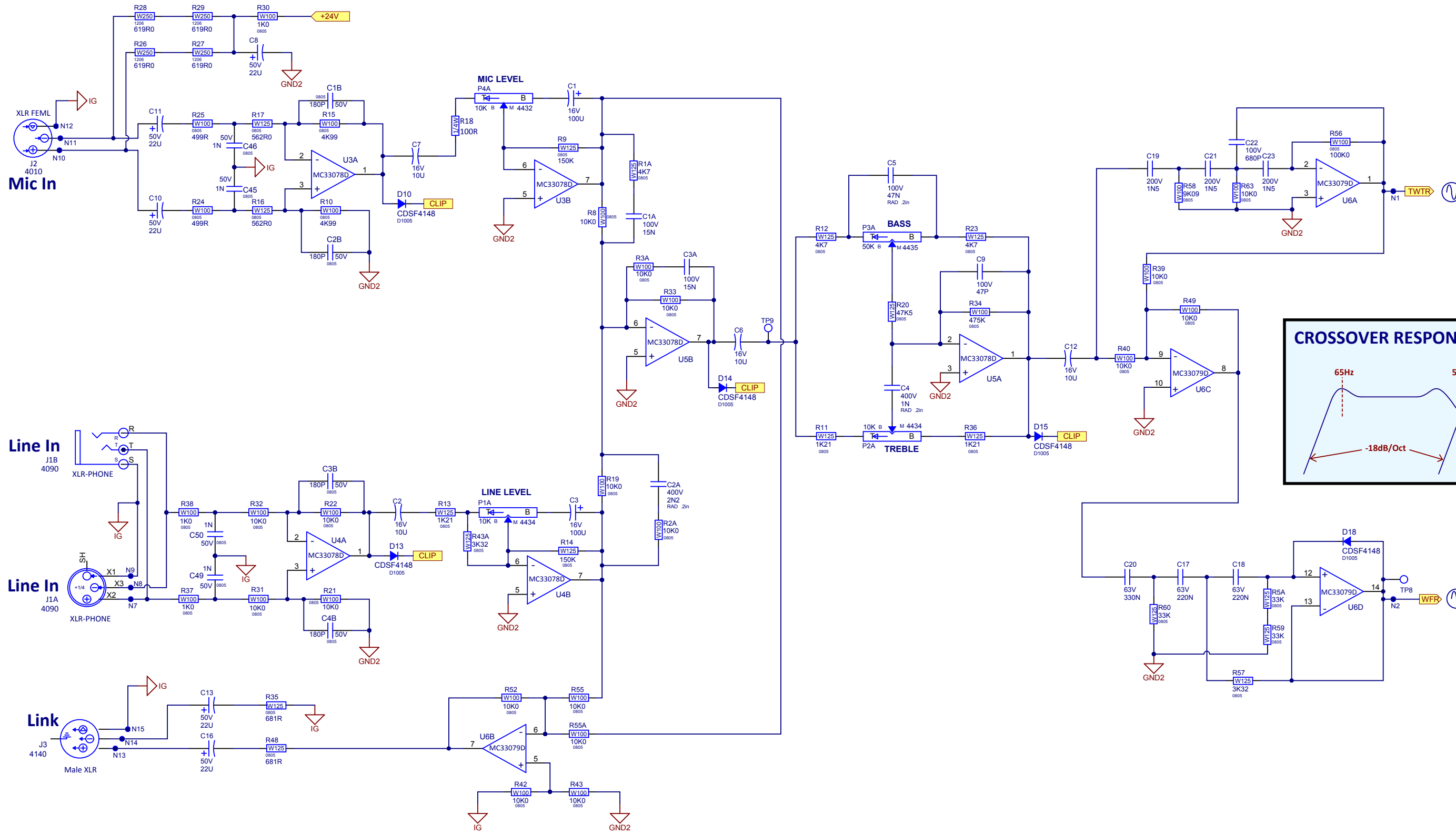


M1535-03 Parts Reference List 10/20/2020

REF	YS #	Description	REF	YS #	Description	REF	YS #	Description	REF	YS #	Description	REF	YS #	Description
C1	5879	100U 16V 20%CAP T&R 8X7MM 2EL	E61		1N 50V 5%CAP 0805 SMT NPO	L01	6408	GRN 3MM LED ZV2 20MA DIFFUSD	R21		W100 10K0 1% 0805 SMT RES	R85		W500 2K2 5% 2010 SMT RES
C1A	5205	15N 100V 10%CAP T&R RAD 2FLM	E62		330P 50V 5%CAP 0805 SMT NPO	L02	6400	YEL 3MM LED ZV1 20MA DIFFUSD	R22		W100 10K0 1% 0805 SMT RES	R86		W500 2K2 5% 2010 SMT RES
C1B	5206	180P 50V 5%CAP 0805 SMT NPO	E63		5N6 50V 5%CAP 0805 SMT COG	E03	6405	RED 3MM LED ZV1 20MA DIFFUSD	R23		W100 10K0 1% 0805 SMT RES	R87		W500 2K2 5% 2010 SMT RES
C2	5282	10U 16V 20%CAP T&R 5X7MM 2NP	E64		47P 100V 5%CAP 0805 SMT NPO	F1	4434	10K B LIN 9MM DETENT P32	R21A		W100 1K0 1% 0805 SMT RES	R88		W100 18K2 1% 0805 SMT RES
C2A	5208	2N2 400V 5%CAP T&R RAD 2FLM	E66		2N7 100V 10%CAP 0805 SMT COG	F2	4434	10K B LIN 9MM DETENT P32	R23		W125 47K 5% 0805 SMT RES	R89		W500 2K2 5% 2010 SMT RES
C2B	180P 50V 5%CAP 0805 SMT NPO	E67		2N7 100V 10%CAP 0805 SMT COG	F3	4435	50K B LIN 9MM DETENT P32	R23A		W100 10K0 1% 0805 SMT RES	R90		W500 2K2 5% 2010 SMT RES	
C3	5879	100U 16V 20%CAP T&R 8X7MM 2EL	E69		100N 25V 10%CAP 0805 SMT X7R	F4	4432	10K B LIN 9MM P32	R24		W100 499R 1% 0805 SMT RES	R91		W500 2K2 5% 2010 SMT RES
C3A	5205	15N 100V 10%CAP T&R RAD 2FLM	E70		100N 100V 10%CAP 1206 SMT X7R	F5	4520	10K TRIM POT	R25		W100 499R 1% 0805 SMT RES	R92		W500 2K2 5% 2010 SMT RES
C3B	180P 50V 5%CAP 0805 SMT NPO	E71		100N 100V 10%CAP 1206 SMT X7R	F6	4520	10K TRIM POT	R25A		W100 2K0 1% 0805 SMT RES	R93		W125 47R 5% 0805 SMT RES	
C4	5206	1N 400V 5%CAP T&R RAD 2FLM	E72		5N6 50V 5%CAP 0805 SMT COG	G1		MMBT3906LT1 PNP SOT-23 SMT 1&R	R26		W250 619R0 1% 1206 SMT RES	R94		W125 4K7 5% 0805 SMT RES
C4B	180P 50V 5%CAP 0805 SMT NPO	E73	6934	MR854 400V 3A DIODE FASREC	O1A			MMBT3906LT1 PNP SOT-23 SMT 1&R	R26A		W125 47K5 1% 0805 SMT RES	R95		W100 18K2 1% 0805 SMT RES
C5	5224	47N 100V 10%CAP T&R RAD 2FLM	D1A		CDSF4448 75V 0A15 1005 SMT	O1B		MMBF4391LT1 NCH JFET SOT-23 SMT 1&R	R27		W250 619R0 1% 1206 SMT RES	R96		W100 18K2 1% 0805 SMT RES
C5B	5254	1U 63V 20%CAP T&R 5X7MM 2EL	D1B		CDSF4448 75V 0A15 1005 SMT	O2		MMBT3906LT1 PNP SOT-23 SMT 1&R	R27A		W100 2K0 1% 0805 SMT RES	R97		1W00 0R047 5% 2512 SMT RES
C6	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D2	6934	MR854 400V 3A DIODE FASREC	O2A		MMBT3904 NPN SOT-23 SMT	R28		W250 619R0 1% 1206 SMT RES	R98		1W00 0R047 5% 2512 SMT RES
C6A	5257	2U2 63V 20%CAP T&R RAD 2EL	D2A		CDSF4448 75V 0A15 1005 SMT	O2B		MMBF4391LT1 NCH JFET SOT-23 SMT 1&R	R28A		W100 10K0 1% 1206 SMT RES	R99		W125 47R 5% 0805 SMT RES
C6B	5257	2U2 63V 20%CAP T&R RAD 2EL	D2B		CDSF4448 75V 0A15 1005 SMT	O3	6932	IRFP140N TO247 PCH MFET TM	R29		W250 619R0 1% 1206 SMT RES	R100		W125 4K7 5% 0805 SMT RES
C7	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D3	6934	MR854 400V 3A DIODE FASREC	O3A		MMBT3904 NPN SOT-23 SMT	R29A		W100 10K0 1% 0805 SMT RES	R101		W063 47K 1% 0603 SMT RES
C7A	100P 50V 10%CAP 0805 SMT NPO	D3A		CDSF4448 75V 0A15 1005 SMT	O4	6905	2SD2560 TO3P NPN TRAN DARL	R30		W100 1K0 1% 0805 SMT RES	R102		W063 47K 1% 0603 SMT RES	
C7B	5631	22U 50V 20%CAP T&R 6X7MM 2EL	D3B		CDSF4448 75V 0A15 1005 SMT	O4A		MMBT3904 NPN SOT-23 SMT	R30A		W125 82K5 1% 0805 SMT RES	R103		W100 15K0 1% 0805 SMT RES
C8A	100P 50V 10%CAP 0805 SMT NPO	D4	6934	MR854 400V 3A DIODE FASREC	O5	6812	2SB1647 TO3P PNP TRAN DARL	R31		W100 10K0 1% 0805 SMT RES	R104		22AWG STRAN TC WIR T&R JMP	
C9	5203	47P 100V 2%CAP T&R RAD CER ZNPO	D4A		CDSF4448 75V 0A15 1005 SMT	O5A		MMBT3904 NPN SOT-23 SMT	R31A		W125 82K5 1% 0805 SMT RES	R105		1N3598 24V0 5W0 ZENER 5% T&R
C9A	5254	30U 63V 20%CAP T&R 5X7MM 2EL	D4B	6438	1N4007 1000V 1A0 DIODE T&R	O6	6812	2SB1647 TO3P PNP TRAN DARL	R32		W100 10K0 1% 0805 SMT RES	R106		MM3Z10V1G 10V0 0W2 5% SMT ZEN
C10	5631	22U 50V 20%CAP T&R 6X7MM 2EL	D5	6438	1N4007 1000V 1A0 DIODE T&R	O7	6805	2SD2560 TO3P NPN TRAN DARL	R32A		W125 47R0 5% 0805 SMT RES	R107		W500 2K2 5% 2010 SMT RES
C10A	5254	1U 63V 20%CAP T&R 5X7MM 2EL	D5B	6438	1N4007 1000V 1A0 DIODE T&R	O8	6931	IRFP140N TO247 NCH MFET TM	R33		W100 10K0 1% 0805 SMT RES	R108		W500 2K2 5% 2010 SMT RES
C11	5631	22U 50V 20%CAP T&R 6X7MM 2EL	D6	6438	1N4007 1000V 1A0 DIODE T&R	O9	6854	2N6517 50V TO92 NPN TRAN TA	R33A		W100 4K99 1% 0805 SMT RES	R109		W125 33K 5% 0805 SMT RES
C12	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D6B	6438	1N4007 1000V 1A0 DIODE T&R	O10	6854	2N6517 350V TO92 NPN TRAN TA	R34		W100 475K 1% 0805 SMT RES	R110		W500 2K2 5% 2010 SMT RES
C13	5631	22U 50V 20%CAP T&R 6X7MM 2EL	D10		CDSF4448 75V 0A15 1005 SMT	O11		MMBT814 NPN DARL SOT-23 SMT	R34A		W125 750R 1% 0805 SMT RES	R111		W500 2K2 5% 2010 SMT RES
C14	5945	10U 63V 20%CAP T&R RAD 2EL	D11		CDSF4448 75V 0A15 1005 SMT	O12		MMBT3904 NPN SOT-23 SMT	R35		W125 881R 1% 0805 SMT RES	R112		1W00 0R047 5% 2512 SMT RES
C15	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D12		CDSF4448 75V 0A15 1005 SMT	O13		MMBT814 NPN DARL SOT-23 SMT	R35A		W100 1K0 1% 0805 SMT RES	R113		W100 15K0 1% 0805 SMT RES
C15B	5257	2U2 63V 20%CAP T&R RAD 2EL	D13		CDSF4448 75V 0A15 1005 SMT	O14		MMBT814 NPN DARL SOT-23 SMT	R36		W125 1K21 1% 0805 SMT RES	R114		W100 1K0 1% 0805 SMT RES
C16	5631	22U 50V 20%CAP T&R 6X7MM 2EL	D14		CDSF4448 75V 0A15 1005 SMT	O15A		MMBT3906LT1 PNP SOT-23 SMT 1&R	R36A	6619	10K 5% THERMISTOR VISH NT	R117		W125 2K2 5% 0805 SMT RES
C17	5231	220N 63V 5%CAP T&R RAD 2FLM	D15		CDSF4448 75V 0A15 1005 SMT	O20A		MMBT3904 NPN SOT-23 SMT	R37		W100 1K0 1% 0805 SMT RES	R118		W100 2K74 1% 0805 SMT RES
C18	5231	220N 63V 5%CAP T&R RAD 2FLM	D16		MM3Z12V1G 12V0 0W2 5% SMT ZEN	O22A		MMBT3904 NPN SOT-23 SMT	R37A		W125 47K5 1% 0805 SMT RES	R119		W125 47R 5% 0805 SMT RES
C19	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D17		MM3Z12V1G 12V0 0W2 5% SMT ZEN	O23A		MMBT3904 NPN SOT-23 SMT	R38		W125 37K4 1% 0805 SMT RES	R120		W100 10K0 1% 0805 SMT RES
C20	5233	330N 63V 5%CAP T&R RAD 2FLM	D18		CDSF4448 75V 0A15 1005 SMT	O24A		MMBT3904 NPN SOT-23 SMT	R39		W100 10K0 1% 0805 SMT RES	R121		W100 10K0 1% 0805 SMT RES
C20A	5257	2U2 63V 20%CAP T&R RAD 2EL	D20A		CDSF4448 75V 0A15 1005 SMT	O25A		MMBT3906LT1 PNP SOT-23 SMT 1&R	R40		W100 10K0 1% 0805 SMT RES	R122		W125 10R0 1% 0805 SMT RES
C21	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D21A	4748	2W00 3R9 5% T&R RES	E1		W125 4K7 5% 0805 SMT RES	R41		W250 4K7 5% 1206 SMT RES	R124		W125 33R 5% 1210 SMT RES
C21A	5816	100P 50V 10%CAP 0805 SMT NPO	D22A		CDSF4448 75V 0A15 1005 SMT	E2		W100 10K0 1% 0805 SMT RES	R42		W100 10K0 1% 0805 SMT RES	R125		W125 33K 5% 0805 SMT RES
C22	5816	680P 100V 5%CAP T&R RAD CER ZNPO	D23	4748	2W00 3R9 5% T&R RES	E3		W100 10K0 1% 0805 SMT RES	R43		W100 10K0 1% 0805 SMT RES	R126		W100 15K0 1% 0805 SMT RES
C22A	5816	100V 10%CAP 0805 SMT NPO	D23A		CDSF4448 75V 0A15 1005 SMT	E4		W100 10K0 1% 0805 SMT RES	R43A		W125 3K32 1% 0805 SMT RES	R127		W100 33R 5% 0805 SMT RES
C23	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D24		BAS21L 250V 200MA SOT23 SMT	E5A		W125 1K800 0.1% 0805 SMT RES	R44		W100 2K74 1% 0805 SMT RES	R128		W333 3K0 5% 2010 SMT RES
C23A	5254	1U 63V 20%CAP T&R 5X7MM 2EL	D24A		CDSF4448 75V 0A15 1005 SMT	E5B		W100 10K0 1% 0805 SMT RES	R45		W125 47R 5% 0805 SMT RES	R129		W125 10R0 1% 0805 SMT RES
C24	5840	22N 400V 10%CAP BLK RAD POLY FLM	D31A		CDSF4448 75V 0A15 1005 SMT	E6		W100 2K0 1% 0805 SMT RES	R46		W100 15K0 1% 0805 SMT RES	R130		W100 15K0 1% 0805 SMT RES
C24A	5254	1U 63V 20%CAP T&R 5X7MM 2EL	D32		CDSF4448 75V 0A15 1005 SMT	E8		W125 2K2 5% 0805 SMT RES	R47		W250 50R 5% 1206 SMT RES	R131		W125 47R 5% 0805 SMT RES
C25	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D32A		CDSF4448 75V 0A15 1005 SMT	E9		W125 1K800 0.1% 0805 SMT RES	R48		W125 681R 1% 0805 SMT RES	R132		W125 47R 5% 0805 SMT RES
C26	5630	330U 25V 20%CAP BLK 10X13MM EL	D33		CDSF4448 75V 0A15 1005 SMT	E9A		W125 33K 5% 0805 SMT RES	R49		W100 10K0 1% 0805 SMT RES	R134		W125 47R 5% 0805 SMT RES
C27	5630	330U 25V 20%CAP BLK 10X13MM EL	D33A		CDSF4448 75V 0A15 1005 SMT	E9B		W125 1K800 0.1% 0805 SMT RES	R50		W125 10R0 1% 0805 SMT RES	R135		1W00 0R047 5% 2512 SMT RES
C28	5840	22N 400V 10%CAP BLK RAD POLY FLM	D35		BAS21L 250V 200MA SOT23 SMT	E6A		W125 4K7 5% 0805 SMT RES	R51		W100 1K0 1% 0805 SMT RES	R136		W500 2K2 5% 2010 SMT RES
C29	180P 50V 5%CAP 0805 SMT NPO	D36		BAS21L 250V 200MA SOT23 SMT	E7		W100 10K0 1% 0805 SMT RES	R52		W100 10K0 1% 0805 SMT RES	R137		W500 2K2 5% 2010 SMT RES	
C30	180P 50V 5%CAP 0805 SMT NPO	D41		BAS21L 250V 200MA SOT23 SMT	E8A		W100 1K0 1% 0805 SMT RES	R53		W333 33R 5% 1210 SMT RES	R138		W100 100R 1% 0805 SMT RES	
C31	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D42		BAS21L 250V 200MA SOT23 SMT	E10		W100 10K0 1% 0805 SMT RES	R54		W125 2K2 5% 0805 SMT RES	R139		W500 2K2 5% 2010 SMT RES
C32	5630	330U 25V 20%CAP BLK 10X13MM EL	D43		ESD3 200V 3A0 D214 SMT SMC	E11		W100 1K0 1% 0805 SMT RES	R55		W100 10K0 1% 0805 SMT RES	R140		W500 2K2 5% 2010 SMT RES
C33	5282	10U 16V 20%CAP T&R 5X7MM 2NP	D44		ESD3 200V 3A0 D214 SMT SMC	E12		W125 150K 5% 0805 SMT RES	R56		W100 10K0 1% 0805 SMT RES	R141		W100 10K0 1% 0805 SMT RES
C34	5630	330U 25V 20%CAP BLK 10X13MM EL	D45		ESD3 200V 3A0 D214 SMT SMC	E13		W100 10K0 1% 0805 SMT RES	R57		W100 10K0 1% 0805 SMT RES	R142		W100 274K 1% 0805 SMT RES
C35	5616	3300U 50V 20%CAP BLK 18X35MM EL	D46		ESD3 200V 3A0 D214 SMT SMC	E14		W100 4K99 1% 0805 SMT RES	R57		W125 3K32 1% 0805 SMT RES	R143		W063 47K 1% 0603 SMT RES
C36	5616	3300U 50V 20%CAP BLK 18X35MM EL	D47		ESD3 200V 3A0 D214 SMT SMC	E15		W125 47K5 1% 0805 SMT RES	R58		W100 9K09 1% 0805 SMT RES	R144		W125 150K 5% 0805 SMT RES
C37	5945	10U 63V 20%CAP T&R RAD 2EL	D48		ESD3 200V 3A0 D214 SMT SMC	E16B		W100 1K0 1% 0805 SMT RES	R59		W125 33K 5% 0805 SMT RES	R145		W500 2K2 5% 2010 SMT RES
C38	5959	10U 450V 20%CAP BLK EL	D49		ESD3 200V 3A0 D214 SMT SMC	E17		W125 1K21 1% 0805 SMT RES	R60		W125 33K 5% 0805 SMT RES	R146		W500 2K2 5% 2010 SMT RES
C39	5616	3300U 50V 20%CAP BLK 18X35MM EL	D											

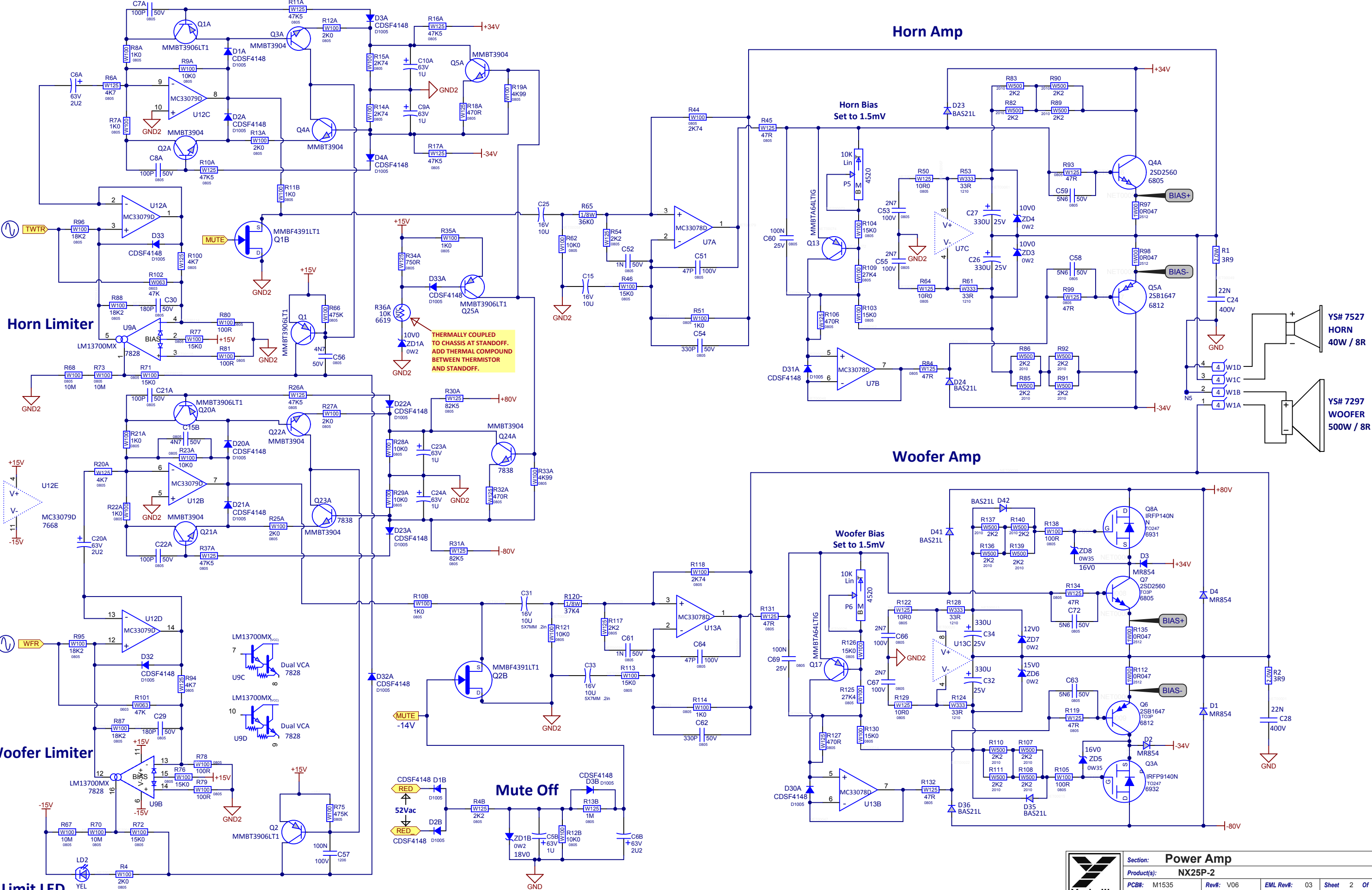
M1536-01 Parts Reference List 10/20/2020

REF	YS #	Description	REF	YS #	Description	REF	YS #	Description	REF	YS #	Description	REF	YS #	Description	REF	YS #	Description
A1-A58	M1536-59	NX25P-2POWER AMP SUPPLY INPUT PCB	C60		100N 50V 5%CAP 0805 SMT X7R	D1		MMBT3906L1 PNP SOT-23 SMT T&R	R27		W250 619R0 1% 1206 SMT RES	R94		W125 4K7 5% 0805 SMT RES	D12		MC33079D QUAD OPAMP SMT SO14
C1	5879	100U 16V 20%CAP T&R SX7MM 2EL	C61		1N 50V 5%CAP 0805 SMT NPO	D1A		MMBT3906L1 PNP SOT-23 SMT T&R	R27A		W100 2K0 1% 0805 SMT RES	R95		W100 18K2 1% 0805 SMT RES	D13		33078 DUAL OPAMP SMT SO-8
C1A	5205	15N 100V 10%CAP T&R RAD 2FLM	C62		330P 50V 5%CAP 0805 SMT NPO	D1B		MMBF4391L1 NCH JFET SOT-23 SMT T&R	R27B		W250 619R0 1% 1206 SMT RES	R96		W100 18K2 1% 0805 SMT RES	R1	3538	24 PIN BREAKAWAY LOCK 150
C1B		180P 50V 5%CAP 0805 SMT NPO	C63		5N6 50V 5%CAP 0805 SMT COG	D2		MMBT3906L1 PNP SOT-23 SMT T&R	R27A		W100 7K50 1% 0805 SMT RES	R97		W100 0R047 5% 2512 SMT RES	D2	3302	250 MALE TAB 2IN T&R
C2	5282	10U 16V 20%CAP T&R SX7MM 2NP	C64		47P 100V 5%CAP 0805 SMT NPO	D3		MMBT3904 NPN SOT-23 SMT	R29		W250 619R0 1% 1206 SMT RES	R98		W100 0R047 5% 2512 SMT RES	R4	4147	6 PIN POWER PIN HEADER MALE POLZED
C2A	5208	2N2 400V 10%CAP T&R RAD 2FLM	C65		100N 50V 5%CAP 0805 SMT X7R	D3B		MMBF4391L1 NCH JFET SOT-23 SMT T&R	R29A		W100 7K50 1% 0805 SMT RES	R99		W125 47R 5% 0805 SMT RES	R5	4163	5 PIN POWER PIN HEADER MALE POLZED
C2B		180P 50V 5%CAP 0805 SMT NPO	C66		2M7 100V 10%CAP 0805 SMT COG	D3C		IRFP9140N TO247 PCH MFET 1M	R30		W100 1K0 1% 0805 SMT RES	R100		W125 4K7 5% 0805 SMT RES	R6	2344	8 CIR XHEADER 0.089IN
C3	5879	100U 16V 20%CAP T&R SX7MM 2EL	C67		2M7 100V 10%CAP 0805 SMT COG	D3A		MMBT3904 NPN SOT-23 SMT	R30A		W125 68K 5% 0805 SMT RES	R101		W063 47K 1% 0603 SMT RES	R7	2328	8 CIR XHEADER 0.089IN
C3A	5205	15N 100V 10%CAP T&R RAD 2FLM	C68		100N 50V 5%CAP 0805 SMT X7R	D4	6805	2SD2550 TO3P NPN TRAN DARL	R31		W100 10K0 1% 0805 SMT RES	R102		W063 47K 1% 0603 SMT RES	R8	3302	250 MALE TAB 2IN T&R
C3B		180P 50V 5%CAP 0805 SMT NPO	C69		100N 50V 5%CAP 0805 SMT X7R	D4A		MMBT3904 NPN SOT-23 SMT	R31A		W125 68K 5% 0805 SMT RES	R103		W100 15K0 1% 0805 SMT RES	X1	4597	22AWG STRAN TC WIR T&R JMP
C4	5206	1N 400V 5%CAP T&R RAD 2FLM	C70		100N 100V 10%CAP 1206 SMT X7R	C5	6812	2SB1647 TO3P PNP TRAN DARL	R32		W100 10K0 1% 0805 SMT RES	R104		W100 15K0 1% 0805 SMT RES	X2	4597	22AWG STRAN TC WIR T&R JMP
C4B		180P 50V 5%CAP 0805 SMT NPO	C71		100N 100V 10%CAP 1206 SMT X7R	D5A		MMBT3904 NPN SOT-23 SMT	R32A		W125 470R 5% 0805 SMT RES	R105		W100 100R 1% 0805 SMT RES	X3	4597	22AWG STRAN TC WIR T&R JMP
C5	5224	47N 100V 10%CAP T&R RAD 2FLM	C72		5N6 50V 5%CAP 0805 SMT COG	C6	6812	2SB1647 TO3P PNP TRAN DARL	R33		W100 10K0 1% 0805 SMT RES	R106		W125 470R 5% 0805 SMT RES	X4	4597	22AWG STRAN TC WIR T&R JMP
C5A	5254	1U 63V 20%CAP T&R SX7MM 2EL	C73		100P 100V 5%CAP 0803 SMT X7R	C7	6805	2SD2560 TO3P NPN TRAN DARL	R33A		W100 4K99 1% 0805 SMT RES	R107		W500 2K2 5% 2010 SMT RES	X7	4597	22AWG STRAN TC WIR T&R JMP
C6	5282	10U 16V 20%CAP T&R SX7MM 2NP	D1	6438	1N4007 100V 1A0 DIODE T&R	C8	6931	IRFP9140N TO247 NCH MFET 1M	R34		W100 475K 1% 0805 SMT RES	R108		W500 2K2 5% 2010 SMT RES	X8	4597	22AWG STRAN TC WIR T&R JMP
C6A	5257	2U2 63V 20%CAP T&R RAD 2EL	D1A		CDSF4148 75V 0A15 100S SMT	C9	6854	2N5157 350V TO92 NPN TRAN TA	R34A		W125 560R 5% 0805 SMT RES	R109		W100 27K4 1% 0805 SMT RES	X7	4597	22AWG STRAN TC WIR T&R JMP
C6B	5257	2U2 63V 20%CAP T&R RAD 2EL	D1B		CDSF4148 75V 0A15 100S SMT	D1B	6854	2N5157 350V TO92 NPN TRAN TA	R34B		W125 681R 1% 0805 SMT RES	R110		W600 2K2 5% 2010 SMT RES	X8	4597	22AWG STRAN TC WIR T&R JMP
C7	5282	10U 16V 20%CAP T&R SX7MM 2NP	D2	6934	MR854 400V 3A0 DIODE FASREC	C10		MMBT414 NPN DARL SOT-23 SMT	R35A		W100 1K0 1% 0805 SMT RES	R111		W500 2K2 5% 2010 SMT RES	X9	4597	22AWG STRAN TC WIR T&R JMP
C7A		100P 50V 10%CAP 0805 SMT NPO	D2A		CDSF4148 75V 0A15 100S SMT	C11		MMBT3904 NPN SOT-23 SMT	R35		W125 1K21 1% 0805 SMT RES	R112		W100 0R047 5% 2512 SMT RES	X10	4597	22AWG STRAN TC WIR T&R JMP
C7B	5631	22U 50V 20%CAP T&R SX7MM 2EL	D2B		CDSF4148 75V 0A15 100S SMT	C12		MMBT44L11G PNP DARL SOT-23 SMT	R36A		W100 1K0 1% 0805 SMT RES	R114		W100 10K0 1% 0805 SMT RES	X11	4597	22AWG STRAN TC WIR T&R JMP
C8		100P 50V 10%CAP 0805 SMT NPO	D3	6934	MR854 400V 3A0 DIODE FASREC	C13		MMBT44L11G PNP DARL SOT-23 SMT	R37		W100 1K0 1% 0805 SMT RES	R115		W125 1K02 0.1% 0805 SMT RES	X12	4597	22AWG STRAN TC WIR T&R JMP
C9	5203	47P 100V 2%CAP T&R RAD CER ZNPO	D3A		CDSF4148 75V 0A15 100S SMT	C14		MMBT3906L1 PNP SOT-23 SMT T&R	R37A		W125 47K5 1% 0805 SMT RES	R116		W125 10R0 1% 0805 SMT RES	X19	4597	22AWG STRAN TC WIR T&R JMP
C9A	5254	1U 63V 20%CAP T&R SX7MM 2EL	D3B		CDSF4148 75V 0A15 100S SMT	C12A		MMBT3904 NPN SOT-23 SMT	R37A		W100 1K0 1% 0805 SMT RES	R116		W125 10R0 1% 0805 SMT RES	X20	4597	22AWG STRAN TC WIR T&R JMP
C10	5631	22U 50V 20%CAP T&R SX7MM 2EL	D4	6438	1N4007 100V 1A0 DIODE T&R	C12A		MMBT3904 NPN SOT-23 SMT	R37A		W100 10K0 1% 0805 SMT RES	R117		W125 2K2 5% 0805 SMT RES	X21	4597	22AWG STRAN TC WIR T&R JMP
C10A	5254	1U 63V 20%CAP T&R SX7MM 2EL	D4A		CDSF4148 75V 0A15 100S SMT	C13		MMBT3904 NPN SOT-23 SMT	R37B		W125 10R0 1% 0805 SMT RES	R118		W125 10R0 1% 0805 SMT RES	X22	4597	22AWG STRAN TC WIR T&R JMP
C11	5631	22U 50V 20%CAP T&R SX7MM 2EL	D5		ES1H 500V 1A0 D214 UPGT 8814	C24A		MMBT3904 NPN SOT-23 SMT	R39		W250 4K7 5% 1206 SMT RES	R119		W125 47R 5% 0805 SMT RES	X23	4597	22AWG STRAN TC WIR T&R JMP
C12	5282	10U 16V 20%CAP T&R SX7MM 2NP	D6		ES1H 500V 1A0 D214 UPGT 8814	C25A		MMBT3906L1 PNP SOT-23 SMT T&R	R42		W100 10K0 1% 0805 SMT RES	R120		W125 8K25 1% 0805 SMT RES	X24	4597	22AWG STRAN TC WIR T&R JMP
C13	5631	22U 50V 20%CAP T&R SX7MM 2EL	D7		ES1H 500V 1A0 D214 UPGT 8814	C26		W125 4K7 5% 0805 SMT RES	R43		W100 10K0 1% 0805 SMT RES	R121		W100 10K0 1% 0805 SMT RES	X24	6875	1N5359B 24V0 5W0 ZENER 5% T&R
C14	5945	10U 63V 20%CAP T&R RAD 2EL	D8		ES1H 500V 1A0 D214 UPGT 8814	C2A		W100 10K0 1% 0805 SMT RES	R43A		W125 3K32 1% 0805 SMT RES	R122		W125 10R0 1% 0805 SMT RES	D21A		MM3210V11G 10V0 0W2 5% SMT ZEN
C15	5282	10U 16V 20%CAP T&R SX7MM 2NP	D9		ES1H 500V 1A0 D214 UPGT 8814	C2B		W125 2K2 5% 0805 SMT RES	R43A		W125 1K02 0.1% 0805 SMT RES	R123		W333 33R 5% 1210 SMT RES	D21B		BZXC4C22 22V0 0W3 5% SMT ZEN
C15A		2N2 50V 10%CAP 0805 SMT X7R	D10		CDSF4148 75V 0A15 100S SMT	C3A		W100 10K0 1% 0805 SMT RES	R43B		W125 47R 5% 0805 SMT RES	R124		W333 33R 5% 1210 SMT RES	D21B	6875	1N5359B 24V0 5W0 ZENER 5% T&R
C16	5631	22U 50V 20%CAP T&R SX7MM 2EL	D11		CDSF4148 75V 0A15 100S SMT	C4		W100 2K0 1% 0805 SMT RES	R46		W100 10K0 1% 0805 SMT RES	R125		W100 27K4 1% 0805 SMT RES	D23		MM3210V11G 10V0 0W2 5% SMT ZEN
C17	5231	220N 63V 5%CAP T&R RAD 2FLM	D12		CDSF4148 75V 0A15 100S SMT	C4B		W125 2K2 5% 0805 SMT RES	R47		W250 100R 5% 1206 SMT RES	R126		W100 15K0 1% 0805 SMT RES	D24		MM3210V11G 10V0 0W2 5% SMT ZEN
C18	5231	220N 63V 5%CAP T&R RAD 2FLM	D13		CDSF4148 75V 0A15 100S SMT	C5		W125 1K900 0.1% 0805 SMT RES	R48		W125 681R 1% 0805 SMT RES	R127		W125 470R 5% 0805 SMT RES	D25		MMB25246B 16V0 0V35 5% SMT ZEN3
C19	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D14		CDSF4148 75V 0A15 100S SMT	C5A		W125 1K900 0.1% 0805 SMT RES	R48A		W100 10K0 1% 0805 SMT RES	R128		W333 33R 5% 1210 SMT RES	D26		MM3215V11G 15V0 0W2 5% SMT ZEN
C20	5230	330N 63V 5%CAP T&R RAD 2FLM	D15		CDSF4148 75V 0A15 100S SMT	C6		W125 1K900 0.1% 0805 SMT RES	R49		W125 10R0 1% 0805 SMT RES	R129		W125 10R0 1% 0805 SMT RES	D27		BZXC4C22 22V0 0W3 5% SMT ZEN
C20A	5273	2U2 63V 20%CAP T&R RAD 2EL	D16		MM3212V11G 12V0 0W2 5% SMT ZEN	C6A		W125 4K7 5% 0805 SMT RES	R52		W125 1K02 0.1% 0805 SMT RES	R130		W100 15K0 1% 0805 SMT RES	D28		MMB25246B 16V0 0V35 5% SMT ZEN
C21	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D17		MM3212V11G 12V0 0W2 5% SMT ZEN	C7		W100 10K0 1% 0805 SMT RES	R52		W100 10K0 1% 0805 SMT RES	R131		W125 47R 5% 0805 SMT RES	D29		BZXC4C43 43V0 0W3 5% SMT ZEN
C21A		100P 50V 10%CAP 0805 SMT NPO	D18		CDSF4148 75V 0A15 100S SMT	C7A		W100 1K0 1% 0805 SMT RES	R53		W333 33R 5% 1210 SMT RES	R132		W125 47R 5% 0805 SMT RES	D210		BZXC4C43 43V0 0W3 5% SMT ZEN
C22	5816	680P 100V 5%CAP T&R RAD CER ZNPO	D20A		CDSF4148 75V 0A15 100S SMT	C8		W100 10K0 1% 0805 SMT RES	R54		W125 2K2 5% 0805 SMT RES	R133		W125 10R0 1% 0805 SMT RES	D211		BZXC4C43 43V0 0W3 5% SMT ZEN
C22A		100P 50V 10%CAP 0805 SMT NPO	D20A		CDSF4148 75V 0A15 100S SMT	C8A		W100 10K0 1% 0805 SMT RES	R54A		W100 10K0 1% 0805 SMT RES	R134		W125 10R0 1% 0805 SMT RES	D212		BZXC4C43 43V0 0W3 5% SMT ZEN
C23	5273	1N5 200V 5%CAP T&R RAD CER ZNPO	D22		CDSF4148 75V 0A15 100S SMT	C9		W125 15K0 1% 0805 SMT RES	R55A		W100 10K0 1% 0805 SMT RES	R135		W100 0R047 5% 2512 SMT RES			
C23A	5254	1U 63V 20%CAP T&R SX7MM 2EL	D23		BAS21L 250V 200MA SOT23 SMT	C9A		W100 15K0 1% 0805 SMT RES	R56		W100 10K0 1% 0805 SMT RES	R136		W500 2K2 5% 2010 SMT RES			
C24	5840	22N 400V 10%CAP BLK RAD POLY FLM	D23A		CDSF4148 75V 0A15 100S SMT	C10		W100 4K99 1% 0805 SMT RES	R57		W125 3K32 1% 0805 SMT RES	R137		W500 2K2 5% 2010 SMT RES			
C24A	5254	1U 63V 20%CAP T&R SX7MM 2EL	D24		BAS21L 250V 200MA SOT23 SMT	C10A		W125 47K5 1% 0805 SMT RES	R58		W100 9K09 1% 0805 SMT RES	R138		W100 100R 1% 0805 SMT RES			
C25	5282	10U 16V 20%CAP T&R SX7MM 2NP	D25		ES1H 500V 1A0 D214 UPGT 8814	C10B		W125 249R0 1% 0805 SMT RES	R59		W125 33K 5% 0805 SMT RES	R139		W500 2K2 5% 2010 SMT RES			
C26	5630	330U 25V 20%CAP BLK 10X13MM EL	D26		ES1H 500V 1A0 D214 UPGT 8814	C11		W125 1K21 1% 0805 SMT RES	R60		W125 33K 5% 0805 SMT RES	R140		W500 2K2 5% 2010 SMT RES			
C27	5630	330U 25V 20%CAP BLK 10X13MM EL	D30A		CDSF4148 75V 0A15 100S SMT	C11A		W125 47K5 1% 0805 SMT RES	R61		W333 33R 5% 1210 SMT RES	R141		W100 10K0 1% 0805 SMT RES			
C28	5840	22N 400V 10%CAP BLK RAD POLY FLM	D31A		CDSF4148 75V 0A15 100S SMT	C11B		W100 499R 1% 0805 SMT RES	R62		W100 10K0 1% 0805 SMT RES	R142		W100 274K 1% 0805 SMT RES			
C29	180P 50V 5%CAP 0805 SMT NPO	D32		CDSF4148 75V 0A15 100S SMT	C12		W125 4K7 5% 0805 SMT RES	R63		W							



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Product(s):	NX25P-2				
Description:	250W Powered Speaker				
PCB#:	M1535	Rev#:	V06	EML Rev#:	03
Modified:	27/11/2014	File:	Input.SchDoc	Sheet	1 Of 5
				Tmp Rev:	V23



Horn Limiter

Horn Amp

Woofer Amp

Woofer Limiter

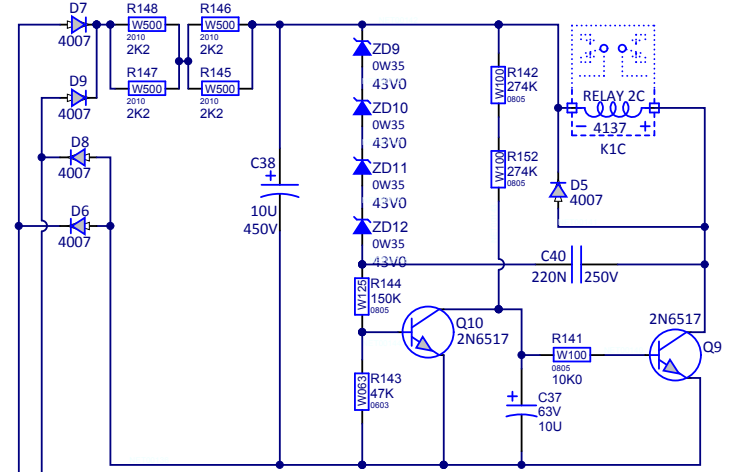
Limit LED

Mute Off

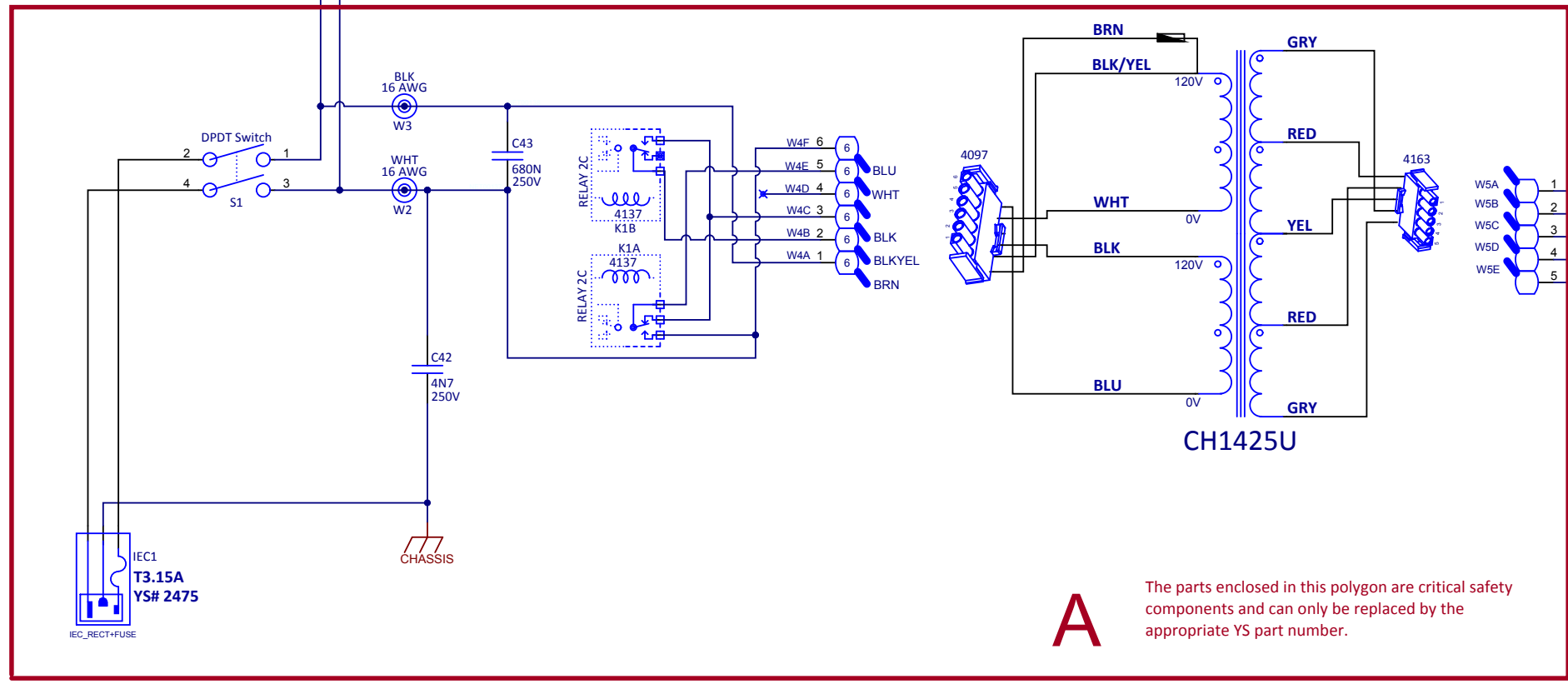
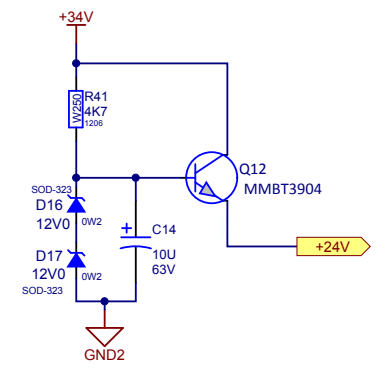
THERMALLY COUPLED TO CHASSIS AT STANDOFF. ADD THERMAL COMPOUND BETWEEN THERMISTOR AND STANDOFF.

	Section:	Power Amp
	Product(s):	NX25P-2
	PCB#:	M1535
	Rev#:	V06
	Modified:	27/11/2014
	EML Rev#:	03
	Sheet	2 Of 5
	File:	Power_Amp.SCHDOC
	Tmp Rev:	V23

120V/240V Select



Phantom Power Supply

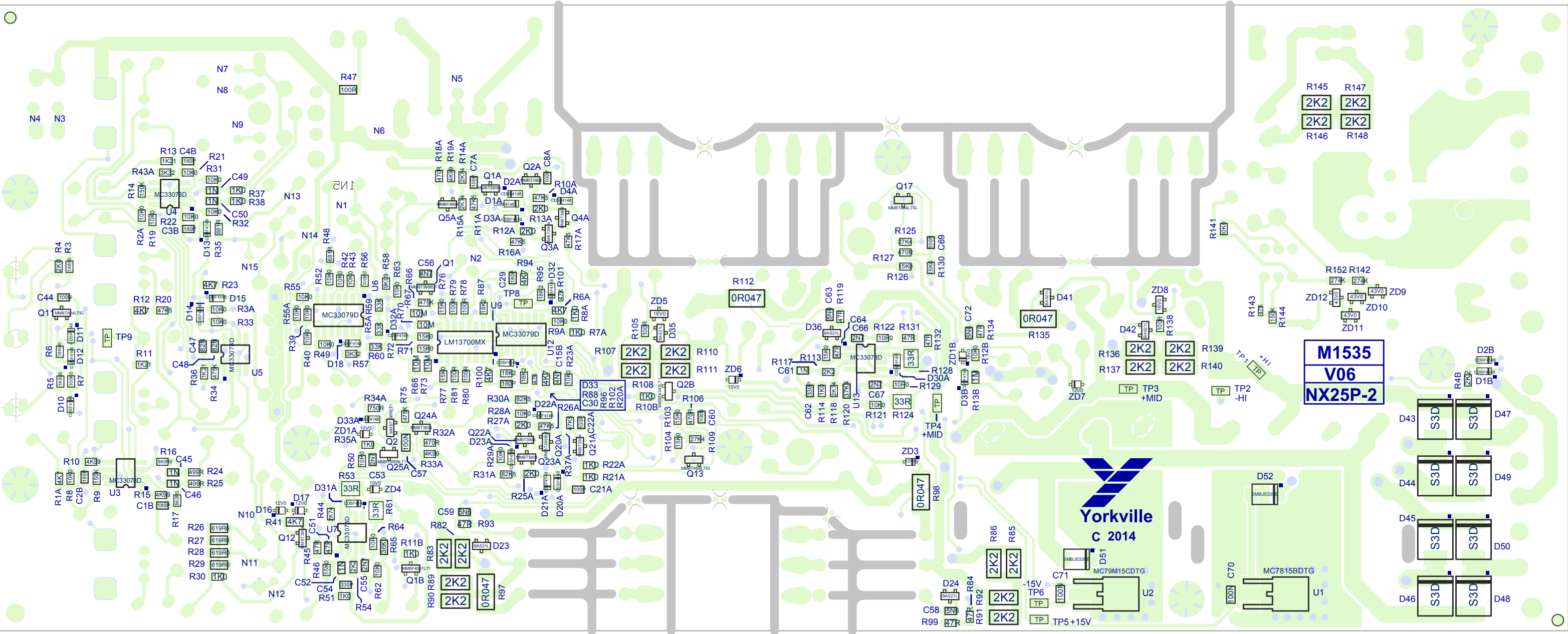


A

The parts enclosed in this polygon are critical safety components and can only be replaced by the appropriate YS part number.



M1535
V06
NX25P-2



PCB ASSEMBLY DOCUMENTATION

SPECIAL PRODUCTION NOTES

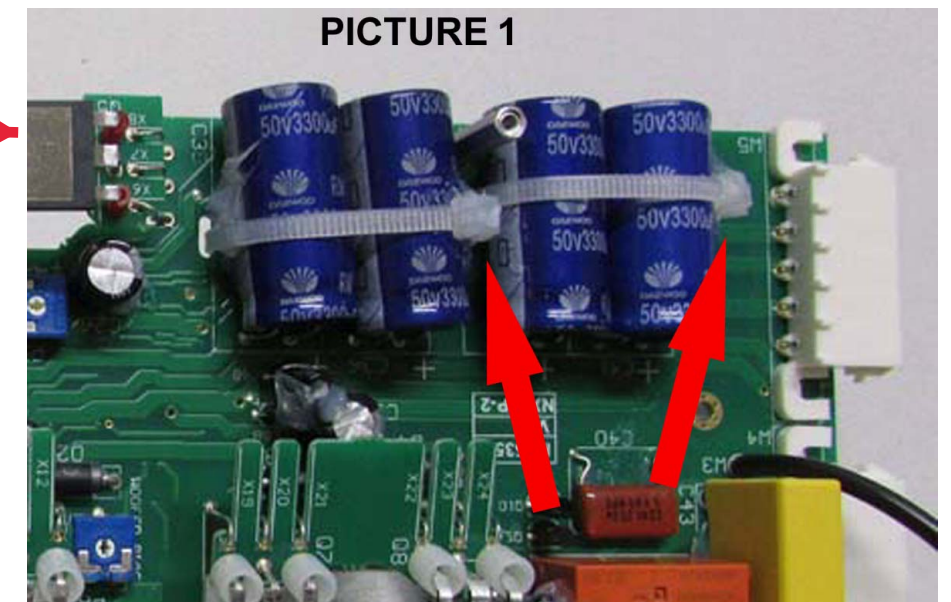
1. PCBSA: Q3, Q4, Q5, Q6, Q7 & Q8 are bent over the PCB face down.
2. PCBSA: Add nylon spacers YS#8656 to the two outer most leads of Q3, Q4, Q5, Q6, Q7 & Q8.
3. PCBSA: Add YS#4007 spacers to LD1, LD2 and LD3.
4. PCBSA: Lay down and RTV C38, C40, C35, C36, C39 & C41 before wave solder.
5. PCBSA: Zip-tie C35, C36, C39, C41 down with the locking mechanisms located as shown in Picture 1.
6. PCBSA: Clip all leads down to pad size before wave solder.
7. PCBSA: Add RTV to all small electrolytic caps to secure them from vibration.
8. WIRING: Add thermal grease between R36A and the adjacent stand-off when mounting the PCB to the chassis.

PCB HARDWARE

SPACERS



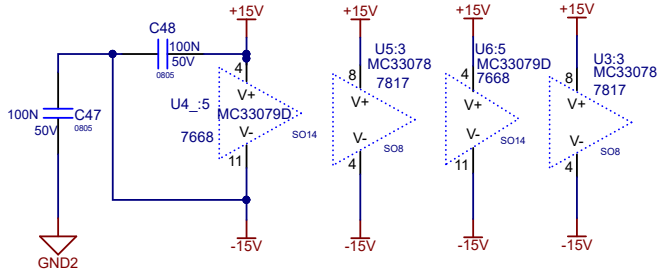
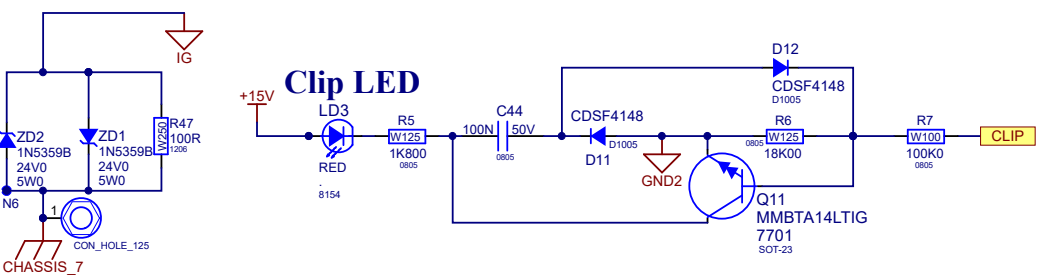
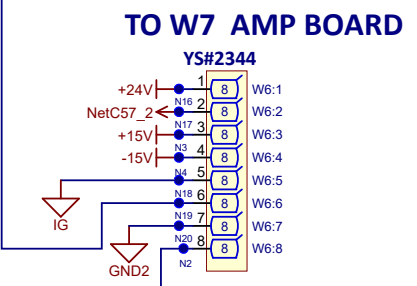
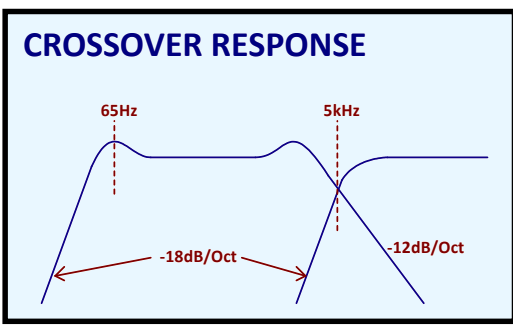
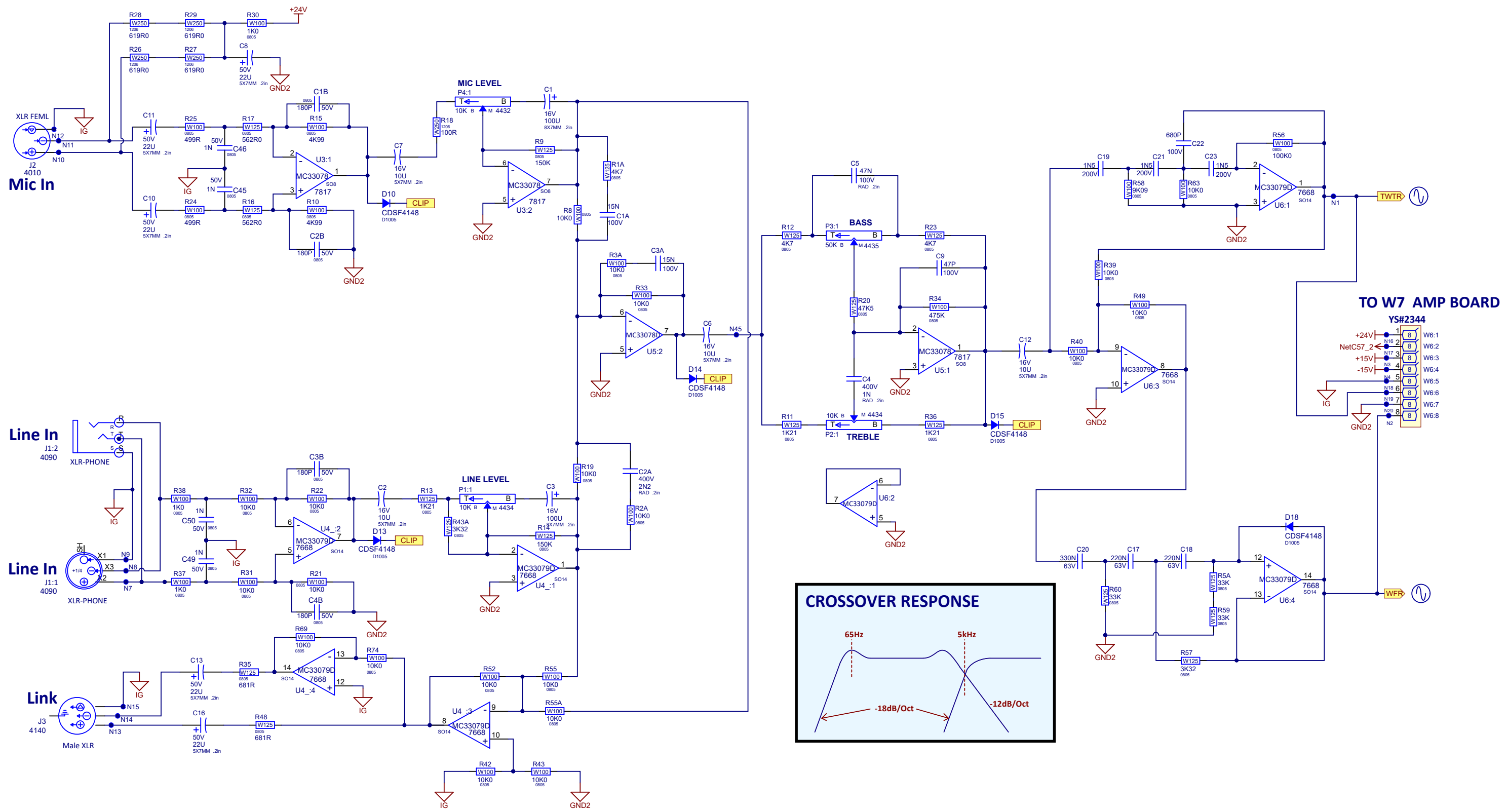
PICTURE 1



THIS SHEET CONTAINS SPECIAL PRODUCTION NOTES AND A LIST OF PCB HARDWARE PARTS REQUIRED FOR THE BUILD.

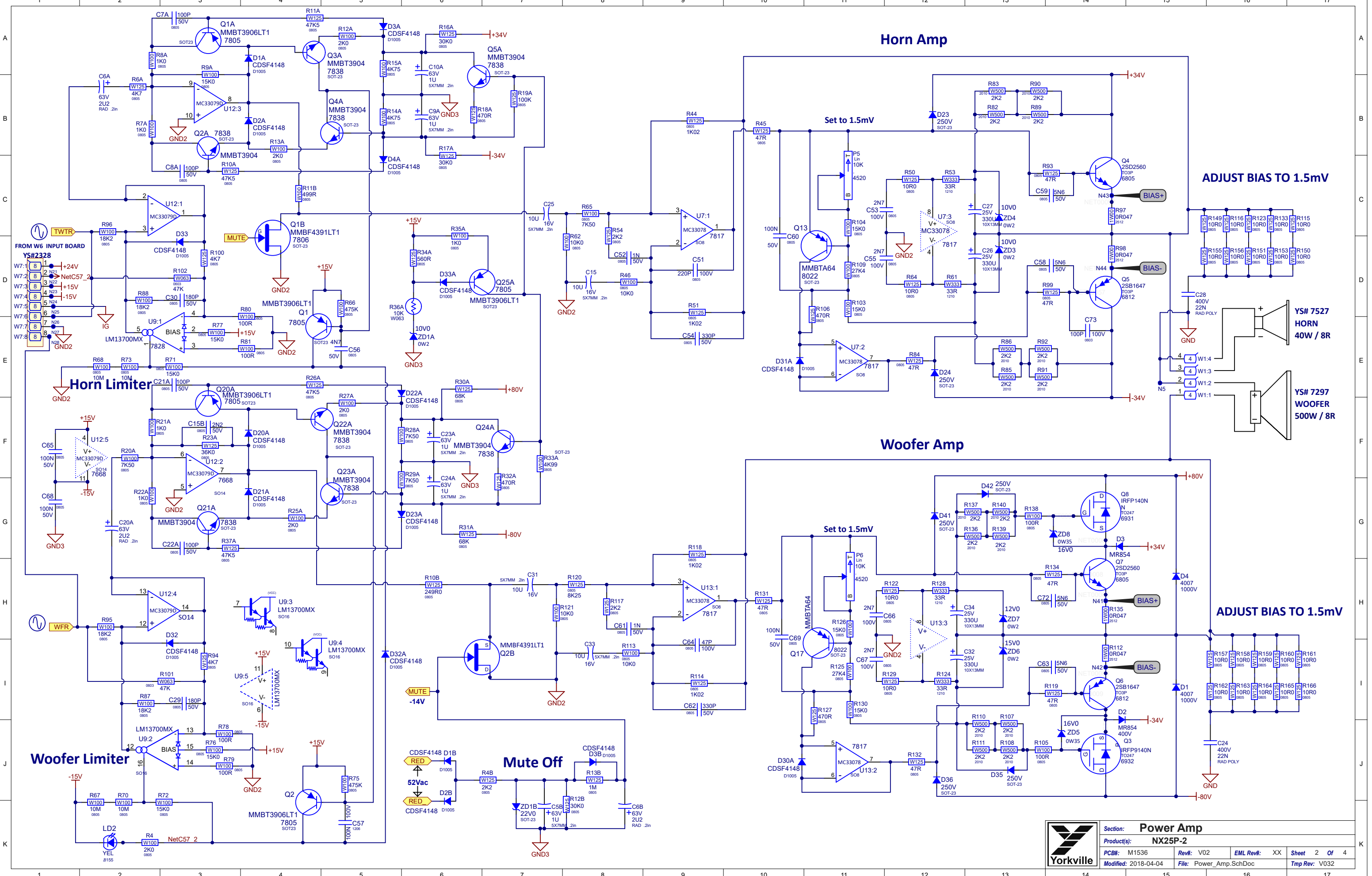


Section: Assembly Documentation			
Product(s): NX25P-2			
PCB#: M1535	Rev#: V06	EML Rev#: 03	Sheet 4 Of 5
Modified: 27/11/2014	File: Assembly.SchDoc	Tmp Rev: V23	

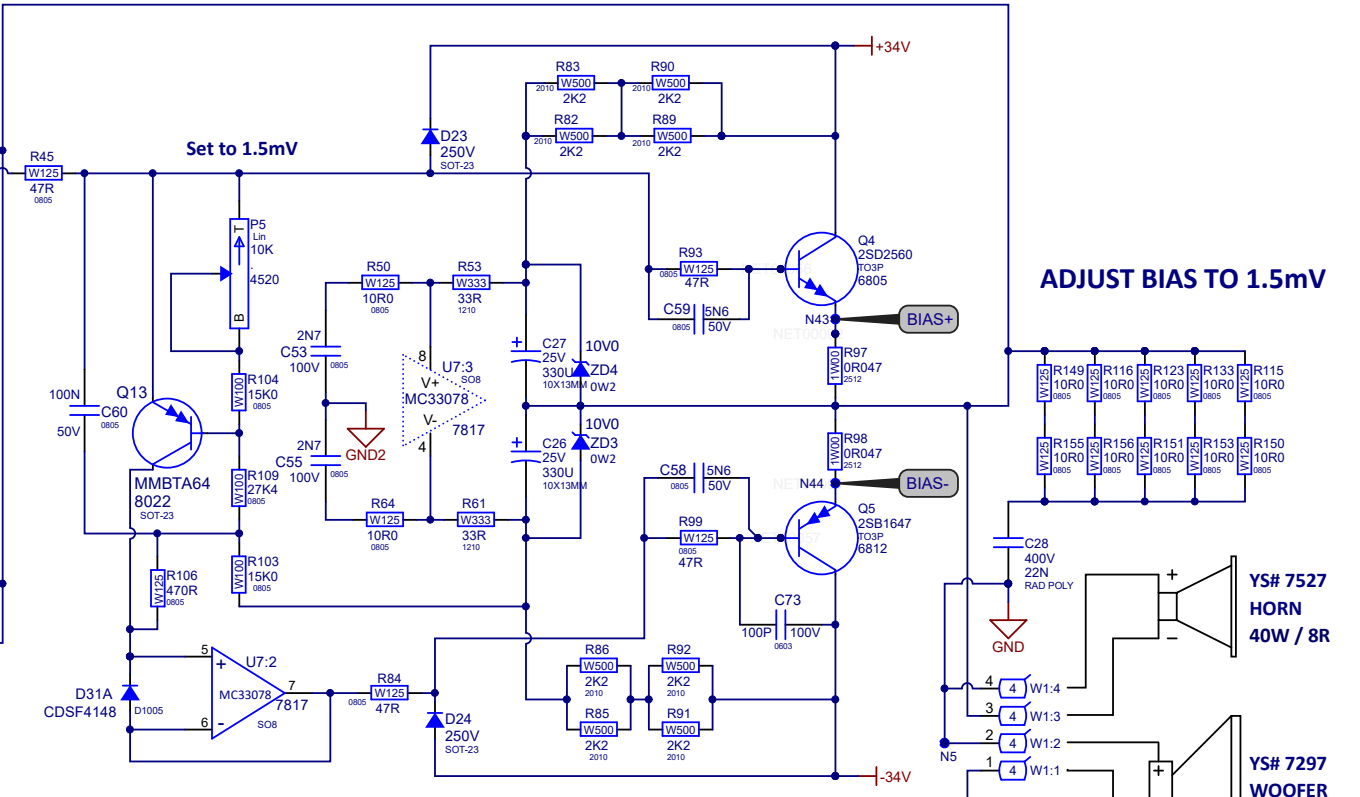


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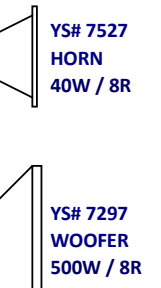
Product(s): NX25P-2	
Description: 250W Powered Speaker	
PCB#: M1536	Rev#: V02
Modified: 2018-04-04	File: Input.SchDoc
EML Rev#: XX	Sheet 1 Of 4
	Tmp Rev: V032



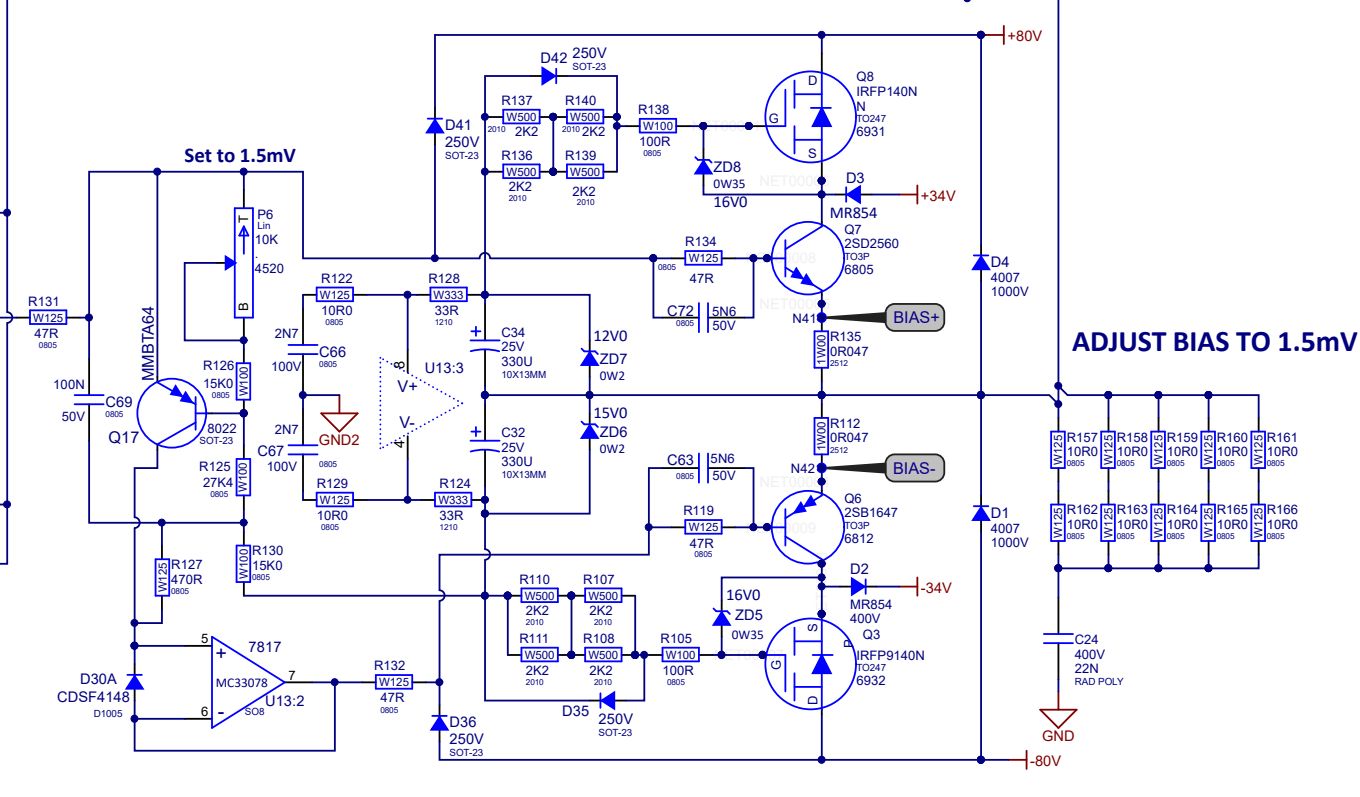
Horn Amp



ADJUST BIAS TO 1.5mV

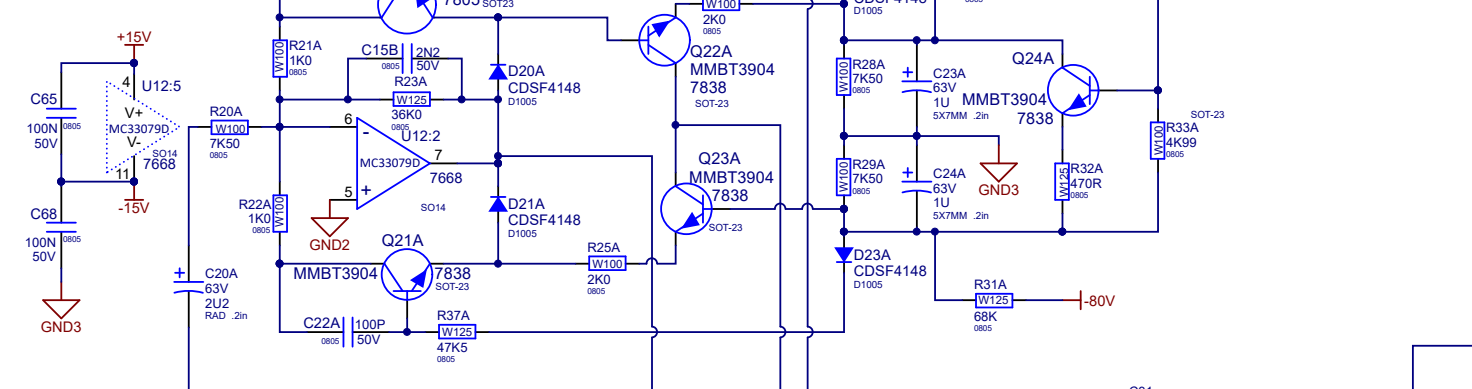


Woofer Amp

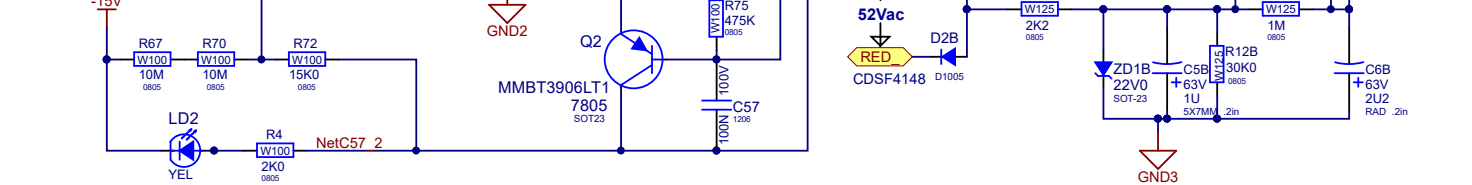


ADJUST BIAS TO 1.5mV

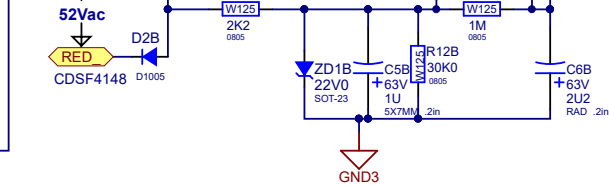
Horn Limiter



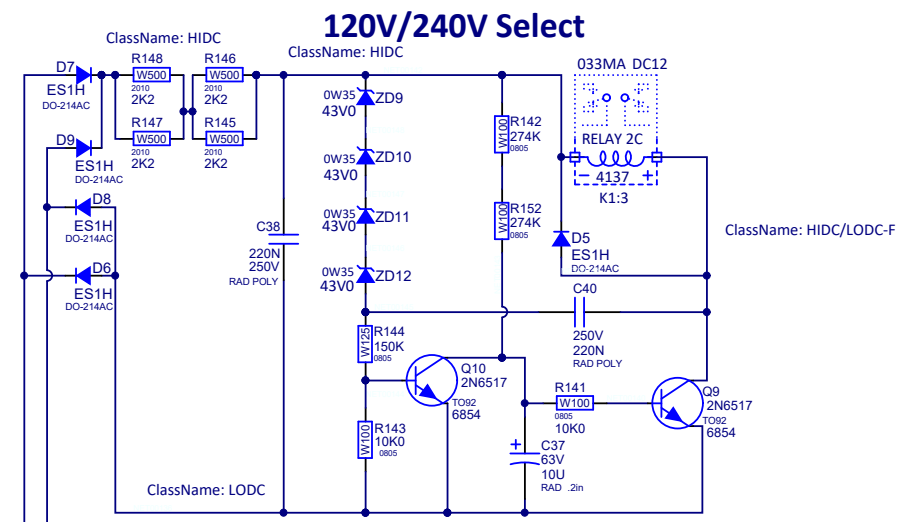
Woofer Limiter



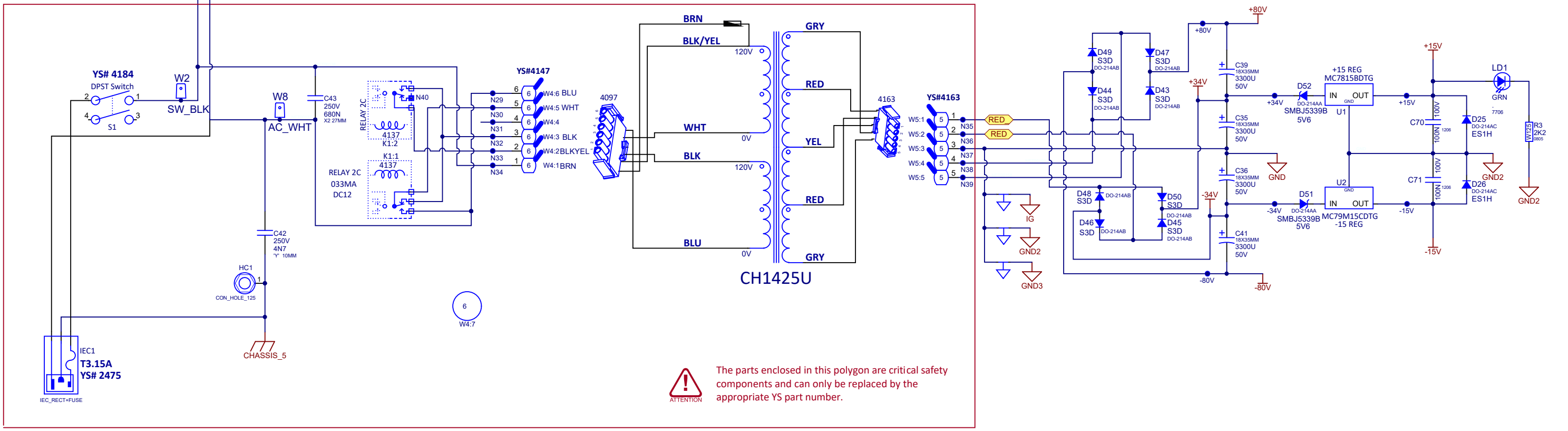
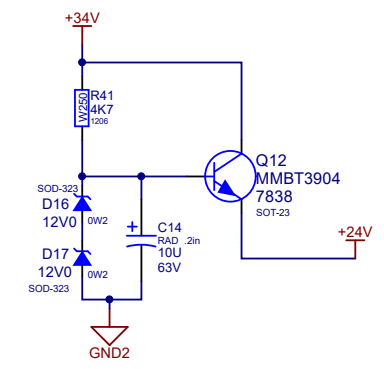
Mute Off



	Section: Power Amp
	Product(s): NX25P-2
	PCB#: M1536 Rev#: V02 EML Rev#: XX Sheet 2 Of 4
	Modified: 2018-04-04 File: Power_Amp.SchDoc Tmp Rev: V032



Phantom Power Supply



ATTENTION The parts enclosed in this polygon are critical safety components and can only be replaced by the appropriate YS part number.

DESIGN HISTORY AND INFORMATION

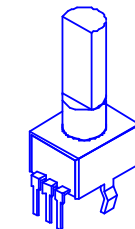
CHANGE HISTORY

M1536

#	DATE	VER#	PC#	DESCRIPTION OF CHANGE
1	Sept-20-2017	V01	.	Released for Production.
2	APR-04-2018	V02	9179	Move C6A (YS#5257) away from U9
3	.	.	9180	Add 100 pF cap C73 (YS#5985) across collector/ base of Q5
4	.	.	9181	Move board break-outs away from resistor R112
5
6
7
8
9
10
11
12
13

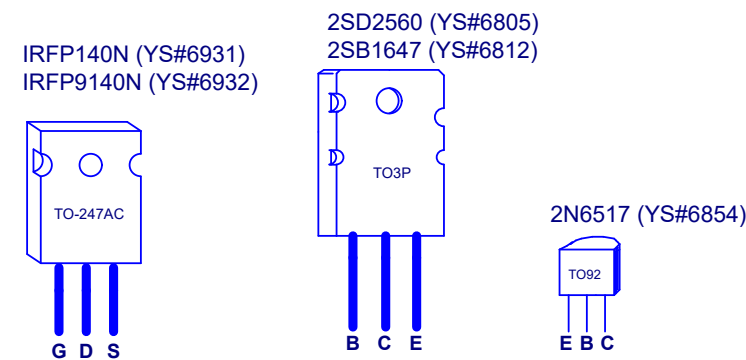
POTENTIOMETERS AND KNOBS

REF	FUNCTION	POT#	KNOB#	STYLE
P1	LINE IN LEVEL	4434	8653	P32
P2	TREBLE	4434	8653	P32
P3	BASS	4435	8653	P32
P4	MIC LEVEL	4432	8653	P32
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"STYLE_P32"

LEADS AND PINS REFERENCE



THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.



DESIGN HISTORY AND INFORMATION

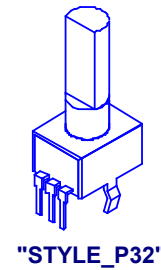
CHANGE HISTORY

M1536

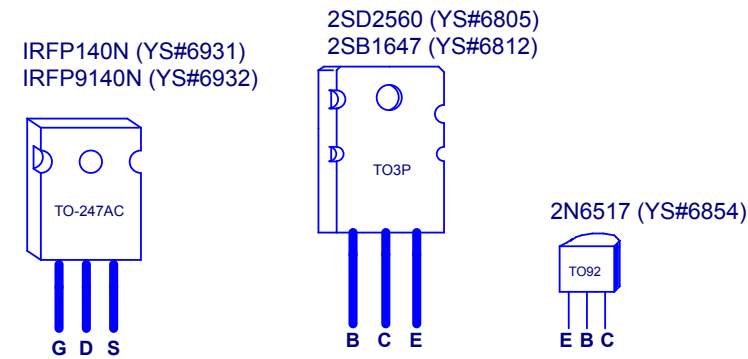
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POTENTIOMETERS AND KNOBS

REF	FUNCTION	POT#	KNOB#	STYLE
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P4	MIC LEVEL	4432	8653	P32
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LEADS AND PINS REFERENCE



THIS SHEET CONTAINS A CHANGE HISTORY LOG, A LIST OF THE POTS & KNOBS AND A LEADS & PINS REFERENCE SECTION.



S E R I E S T W O

nx25^P

300 WATT POWERED LOUDSPEAKER ENCLOSURE



Power Switch and LED

Turns the power on, the green LED indicates power and a properly functioning fuse.

Mic In

The balanced XLR input can be used with any dynamic or condenser microphone.

Line In

The balanced Combi-jack (XLR/1/4-inch TRS) input can be used with any line source such as a media player or other instruments. It is recommended to use balanced sources when possible, this may help prevent unwanted hum or buzz.

Link Out

Allows connection of multiple NX25P Series Two enclosures from a single source. It should be connected to the Line In of the next NX25P Series Two in the chain. The Line In level control on the subsequent unit in the chain should be set to 0 dB in order to provide the same output level as the master enclosure. When

connecting multiple NX25P Series Two enclosures, the last NX25P Series Two in the chain should be powered off first (and powered on last). Each NX25P Series Two should be powered on or off before the previous NX25P Series Two in the chain. This will eliminate unwanted on/off noises.

Mic Gain Control

The control adjusts the mic level for the enclosure as well as it's level on all enclosures in the chain (if multiple NX25P Series Two enclosures are connected).

Treble and Bass Controls

These controls affect all the sound coming out of the NX25P Series Two enclosure. These do not affect the sound at the Link Out. In a system with multiple cabinets it will be necessary to adjust the Treble and Bass controls on all individual enclosures.

Limit and Clip LEDs

These LEDs illuminate yellow when signal is limiting and red when the signal is too large for the input and is clipping.

To get the full Owner's Manual please visit our website at

<http://www.yorkville.com/manuals/> or, if you need a printed version call 905-837-8777

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4625 Witmer Industrial Estate
Niagara Falls, New York
14305 USA

Printed In CANADA

QuickStart-NX25P-2-00-1v0 • YS#QSTART-NX2P2 • October 20, 2020

S E R I E S T W O

nx25^P

300 WATT POWERED LOUDSPEAKER ENCLOSURE



Interrupteur et DEL d'Alimentation

La DEL verte indique l'alimentation et le bon fonctionnement du fusible.

Entrée Micro

L'entrée XLR symétrique peut être utilisée avec n'importe quel microphone dynamique ou à condensateur.

Entrée Ligne

L'entrée Combi-jack symétrique (XLR/1/4-pouce en TRS) peut être utilisée avec n'importe quelle source de niveau ligne telle qu'un lecteur multimédia ou d'autres instruments. Il est recommandé d'utiliser des sources symétriques lorsque c'est possible, cela peut aider à éviter les bourdonnements ou les ronflements indésirables.

Sortie Link

Cette sortie permet de connecter plusieurs enceintes NX25P Série 2 à partir d'une seule source. Elle doit être connectée à l'entrée ligne (Line In) de la prochaine enceinte NX25P série 2 de la chaîne. La commande de niveau "Line In" de l'unité suivante dans la chaîne doit être réglée à 0 dB afin de fournir le même niveau de sortie que l'enceinte principale. Lors de la connexion de plusieurs enceintes NX25P Série 2, la dernière enceinte

NX25P Série 2 de la chaîne doit être mise hors tension en premier (et sous tension en dernier). Chaque NX25P Série 2 doit avoir été mis sous tension ou hors tension avant la NX25P Série 2 précédente dans la chaîne. Cela permettra d'éliminer les bruits de marche/arrêt indésirables.

Commande de Gain du Micro

Cette commande ajuste le niveau du micro pour l'enceinte ainsi que son niveau sur toutes les enceintes de la chaîne (si plusieurs enceintes NX25P série 2 sont connectées).

Commandes des Aigus et des Basses (Treble et Bass)

Ces commandes affectent tout le son sortant de l'enceinte NX25P série 2. Elles n'affectent pas le son à la sortie Link. Dans un système avec plusieurs enceintes, il sera nécessaire de régler les commandes de basses et d'aigus sur toutes les enceintes individuelles.

DEL de Limitation et d'Écrêtage

Ces DEL s'allument en jaune lorsque le signal est limité et en rouge lorsque le signal est trop élevé pour l'entrée et qu'il est écrêté.

Pour obtenir le manuel de utilisateur visitez notre site Web à <http://www.yorkville.com/manuals/> ou, si vous avez besoin d'une version imprimée appelez-nous au 905-837-8777

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Yorkville Sound Inc.
4625 Witmer Industrial Estate
Niagara Falls, New York
14305 USA

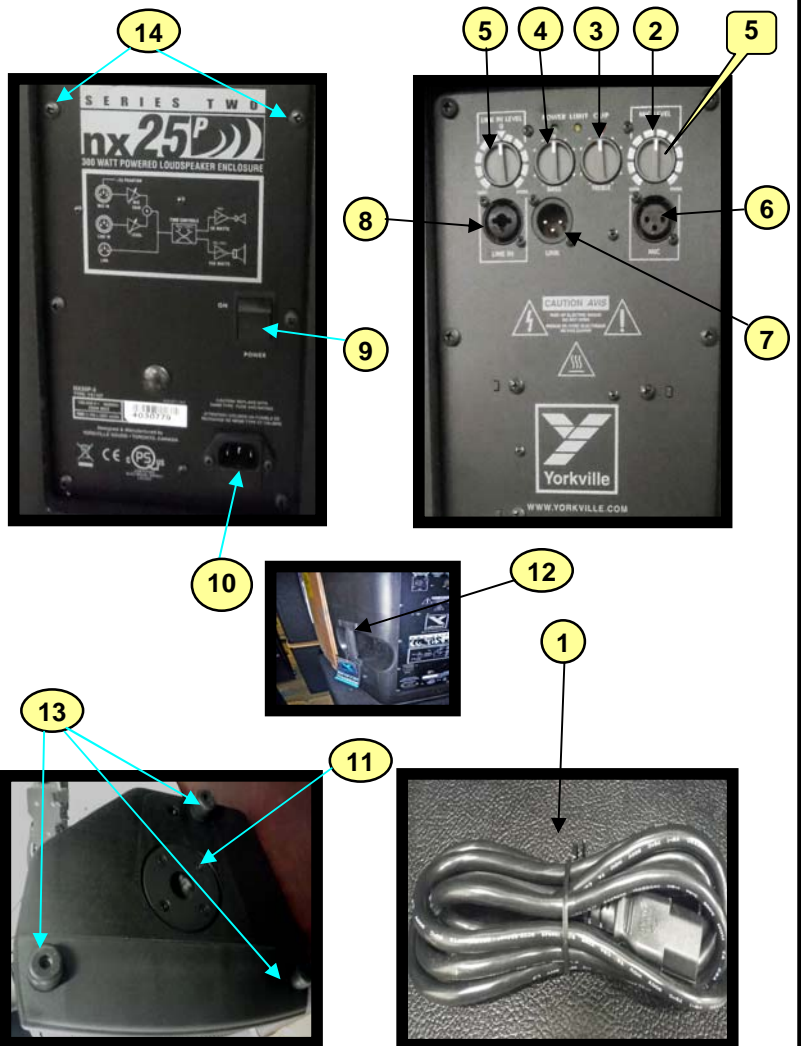


NX25P

**POWERED
LOUDSPEAKER CABINET**



#	Part#	Description	qty
Labeled Components			
1	3428	8' 3/18 SJT AC LINE CORD REMOVABLE	1
2	4432	_10K B LIN 9MM P32	1
3	4434	_10K B LIN 9MM DETENT P32	2
4	4435	_50K B LIN 9MM DETENT P32	1
5	8653	LOW PROFILE POINTER AT 12 KNOB	4
6	4010	XLR FEML PCB MT VERT 24MM AA-SERIES	1
7	4140	XLR MALE PCB MT VERT 24MM A-SERIES	1
8	4090	1/4IN & XLR PCB MT VERT COMBO NCJ6-V	1
9	4184	DPST ROKR SW QUIK 250" AC/PWR IEC6	1
10	3438	RECEPTACLE:INLET C/FUSE DRAWER	1
11	8483	ADAPTOR,SPEAKER STAND,METAL,BLACK	1
12		HANDLE	1
13	3538	RUBBER FOOT 1.375 X 1.375	3
14	8786	10-32 X 1 1/4 PAN QD MS JS500 BLACK	10
15	8935	1/4-20 X 23MM JOINT CONN. BOLT B/O	4
16	7297	12" 8R 500WPGM SPEAKER	1
17	7527	_8R 40W 1.00" DRIVER CDX1-1445 CER	1
18	8240D	LOGO YORKVILLE SMALL BLUE DOMED	1





PROPOSAL FOR CHANGE

PRIORITY	NORM	X-JOB	PC No.	TEMP
P	N	X	8518	T

REJECTED The Proposal for Change has been reviewed and considered but will **not** be implemented. **DATE** _____

PCBSA #57	Wiring #55	T&R #70	WACM #52	P/Engineering #25	Sales #10
PCBM #58	Metal Fab #50	Finishing #65	Board & Test #53	LAB #20	Service #09
Auto Insertion #59	W/Shop #60	Chas Screening #51	QC #65		

MODEL	PCB/CHAS	VERSION	TASK ORDER
NX25P-2	M1535	V01	

APPROVAL	
SL	<i>[Signature]</i>
BW	<i>[Signature]</i>
TW	<i>[Signature]</i>
PM	<i>[Signature]</i>

ORIGINATOR	
FROM	Mike Lebon
DEPT	PENG
DATE	Apr 5, 2013
ORIGINATOR'S SIGNATURE	UPON COMPLETION
DESIGNER'S SIGNATURE	UPON COMPLETION

DESCRIPTION OF CHANGE	DOCUMENT UPDATE/CORRECTION	PROGRAM UPDATE/CORRECTION
Move C26 away from Q5.		
<p><i>Completed on 09-MAY-2013</i> <i>→ New Layout (v02)</i> <i>→ New Clinch Prog.</i> <i>M.L.</i></p>		

REASON FOR CHANGE

C26 interferes with Q5's mounting position. See model for more details.

<input checked="" type="checkbox"/> Update units coming in for SERVICE?	<input checked="" type="checkbox"/> Will a model or prototype be needed?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input checked="" type="checkbox"/> Update FINISHED units in warehouse?	<input checked="" type="checkbox"/> Will the current test fixtures be affected?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input checked="" type="checkbox"/> UPDATE WIP?	<input type="checkbox"/> If yes, what is the estimated cost of fixture?	_____		
<input checked="" type="checkbox"/> Electrical compliance affected?	<input type="checkbox"/> Before serial number	_____		
By doing this change, are units currently out in field compatible?		<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> MAYBE

PART	DESCRIPTION	OLD	NEW	D	M	A	COST/UNIT	TOTAL

P PRIORITY Priority will be given to these PC's and will be implemented by the date required.	X X-JOB These PC's will be collected and implemented in the future when or if other PC's are being executed for the product.
N NORM These PC's will be collected and processed normally, executed when time and manpower permits.	T TEMP Temporary changes will be made for the stated run only!

NOTICE: ORIGINAL PC'S MUST NOT GO OUT INTO PRODUCTION

George K
 Carl L.
 James
 Henry
 Adel
 Andrew
 George G
 Mike
 Pete
 Peter

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PROPOSAL FOR CHANGE

PRIORITY	NORM	X-JOB	PC No.	TEMP
P	N	X	8525	T
DATE REQUIRED:				

REJECTED The Proposal for Change has been reviewed and considered but will *not* be implemented. DATE

PCBSA #57	Wiring #55	T&R #70	WACM #52	P/Engineering #25	Sales #10
PCBM #58	Metal Fab #50	Finishing #65	Board & Test #53	LAB #20	Service #09
Auto Insertion #59	W/Shop #60	Chas Screening #51	QC #65		

MODEL	PCB/CHAS	VERSION	TASK ORDER	APPROVAL		ORIGINATOR	
NX25P-2	M1535	V01		SL		FROM	Peter Till
				BW		DEPT	Design Lab
				TW		DATE	Mar 14, 2013
				PM		ORIGINATOR'S SIGNATURE	
						DESIGNER'S SIGNATURE	

DESCRIPTION OF CHANGE DOCUMENT UPDATE/CORRECTION PROGRAM UPDATE/CORRECTION

Cut copper where shown on attached page and tack on two 5V1 5W zeners (YS#5124).

Do Go To Version 2

REASON FOR CHANGE

To increase reliability of regulators.

Completed on 09-MAY-2013
→ New Part # 8162 added
→ New PCB (v02) M.L.

Update units coming in for SERVICE? Will a model or prototype be needed? YES NO

Update FINISHED units in warehouse? Will the current test fixtures be affected? YES NO

UPDATE WIP? If yes, what is the estimated cost of fixture? _____

Electrical compliance affected? Before serial number _____

By doing this change, are units currently out in field compatible? YES NO MAYBE

PART	DESCRIPTION	OLD	NEW	D	M	A	COST/UNIT	TOTAL

PRIORITY Priority will be given to these PC's and will be implemented by the date required.

X-JOB These PC's will be collected and implemented in the future when or if other PC's are being executed for the product.

NORM These PC's will be collected and processed normally, executed when time and manpower permits.

TEMP Temporary changes will be made for the stated run only!

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PROPOSAL FOR CHANGE

PRIORITY P <input checked="" type="radio"/>	NORM N <input type="radio"/>	X-JOB X <input type="radio"/>	PC No. ▶ 8548	TEMP T <input type="radio"/>
DATE REQUIRED: _____				

REJECTED The Proposal for Change has been reviewed and considered but will *not* be implemented. **DATE** _____

PCBSA #57	Wiring #55	T&R #70	WACM #52	<input checked="" type="checkbox"/> P/Engineering #25	Sales #10
PCBM #58	Metal Fab #50	Finishing #65	Board & Test #53	LAB #20	Service #09
Auto Insertion #59	W/Shop #60	Chas Screening #51	QC #65		

MODEL	PCB/CHAS	VERSION	TASK ORDER
NX25P-2	M1535	V02	
NX300P	M1537	V01	

APPROVAL	
SL	
BW	
TW	
PM	
DESIGNER	

ORIGINATOR	
FROM	Mike Lebon
DEPT	PENG
DATE	Jun 2, 2013
ORIGINATOR'S SIGNATURE	
DESIGNER'S SIGNATURE	

DESCRIPTION OF CHANGE	DOCUMENT UPDATE/CORRECTION	PROGRAM UPDATE/CORRECTION
Move C43 away from C42.		
<p><i>Completed June 3RD 2013</i> <i>→ New layout released.</i> <i>→ SMT & AI Prgs remain the same.</i> <i>M.L.</i></p>		

REASON FOR CHANGE

C42 and C43 are difficult to stuff. There isn't enough room between them.

<input type="checkbox"/> Update units coming in for SERVICE?	Will a model or prototype be needed? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<input type="checkbox"/> Update FINISHED units in warehouse?	Will the current test fixtures be affected? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<input type="checkbox"/> UPDATE WIP?	If yes, what is the estimated cost of fixture? _____
<input type="checkbox"/> Electrical compliance affected?	Before serial number _____
By doing this change, are units currently out in field compatible? YES <input type="checkbox"/> NO <input type="checkbox"/> MAYBE <input type="checkbox"/>	

PART	DESCRIPTION	OLD	NEW	D	M	A	COST/UNIT	TOTAL

P <input type="radio"/> PRIORITY Priority will be given to these PC's and will be implemented by the date required.	X <input type="radio"/> X-JOB These PC's will be collected and implemented in the future when or if other PC's are being executed for the product
N <input type="radio"/> NORM These PC's will be collected and processed normally, executed when time and manpower permits.	T <input type="radio"/> TEMP Temporary changes will be made for the stated run only!

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PROPOSAL FOR CHANGE

PRIORITY	NORM	X-JOB	PC No.	TEMP
P <input checked="" type="checkbox"/>	N <input type="checkbox"/>	X <input type="checkbox"/>	8579	T <input type="checkbox"/>
DATE REQUIRED:				

REJECTED The Proposal for Change has been reviewed and considered but will *not* be implemented. DATE

<input checked="" type="checkbox"/> PCBSA #57	<input type="checkbox"/> Wiring #55	<input type="checkbox"/> T&R #70	<input type="checkbox"/> WACM #52	<input type="checkbox"/> P/Engineering #25	<input type="checkbox"/> Sales #10
<input type="checkbox"/> PCBM #58	<input checked="" type="checkbox"/> Metal Fab #50	<input type="checkbox"/> Finishing #65	<input type="checkbox"/> Board & Test #53	<input type="checkbox"/> LAB #20	<input type="checkbox"/> Service #09
<input type="checkbox"/> Auto Insertion #59	<input type="checkbox"/> W/Shop #60	<input type="checkbox"/> Chas Screening #51	<input type="checkbox"/> QC #65		

MODEL	PCB/CHAS	VERSION	TASK ORDER	APPROVAL		ORIGINATOR	
NX25P-2	M1535	V03		SL		FROM	Peter Mourtos
NX300	M1537	V02		BW		DEPT	P. ENG
				TW		DATE	Jul 19, 2013
				PM		ORIGINATOR'S SIGNATURE	
				DESIGNER		DESIGNER'S SIGNATURE	

DESCRIPTION OF CHANGE **DOCUMENT UPDATE/CORRECTION** **PROGRAM UPDATE/CORRECTION**

Move P3 away from J3 on board.

Completed 22-OCT-2013:
 → M1535 V04 RELEASED.
 → M1537 V03 RELEASED.
 → NEW RAD PROG.
 → NEW XLR #4140. ML

REASON FOR CHANGE

Knob for P3 is rubbing against connector J3.

CHATTER on Hocr.

<input type="checkbox"/> Update units coming in for SERVICE?	Will a model or prototype be needed? YES <input type="checkbox"/> NO <input type="checkbox"/>
<input type="checkbox"/> Update FINISHED units in warehouse?	Will the current test fixtures be affected? YES <input type="checkbox"/> NO <input type="checkbox"/>
<input type="checkbox"/> UPDATE WIP?	If yes, what is the estimated cost of fixture? _____
<input type="checkbox"/> Electrical compliance affected?	Before serial number _____
By doing this change, are units currently out in field compatible? YES <input type="checkbox"/> NO <input type="checkbox"/> MAYBE <input type="checkbox"/>	

PART	DESCRIPTION	OLD	NEW	D	M	A	COST/UNIT	TOTAL

<input checked="" type="checkbox"/> PRIORITY Priority will be given to these PC's and will be implemented by the date required.	<input checked="" type="checkbox"/> X-JOB These PC's will be collected and implemented in the future when or if other PC's are being executed for the product
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PROPOSAL FOR CHANGE

PRIORITY	NORM	X-JOB	PC No.	TEMP
<input checked="" type="radio"/> P	<input type="radio"/> N	<input type="radio"/> X	8618	<input type="radio"/> T
DATE REQUIRED:				

REJECTED The Proposal for Change has been reviewed and considered but will *not* be implemented. DATE

PCBSA #57	Wiring #55	T&R #70	WACM #56	P/Engineering #25	Sales #10
PCBM #58	Metal Fab #50	Finishing #65	Board & Test #53	LAB #20	Service #09
<input checked="" type="checkbox"/> Auto Insertion #59	W/Shop #60	Chas Screening #51	QC #65	L&M #52	

MODEL	PCB/CHAS	VERSION	TASK ORDER	APPROVAL		ORIGINATOR	
NX25P-2	M1535	V04		SL		FROM	Mike Lebon
NX300P	M1537	V03		BW		DEPT	PENG
YX15PC	M1538	V01		TW	<i>[Signature]</i>	DATE	Dec 11, 2013
				PM		Customer's Signature	
						Designer's Signature	

DESCRIPTION OF CHANGE	DOCUMENT UPDATE/CORRECTION	PROGRAM UPDATE/CORRECTION
Change capacitor YS#5255 (1u 63V) to YS#5254 (1u 63V) in RAD program.		
<p><i>Completed 20-DEC-2013</i></p> <p><i>→ NEW RAD PROGS.</i></p> <p><i>→ MML / EML UPDATED.</i></p> <p><i>ML</i></p>		

REASON FOR CHANGE

The YS#5254 is shorter and will reduce collisions.
New part OK'd by Ray Himbeault.

Update units coming in for SERVICE? YES NO

Update FINISHED units in warehouse? YES NO

UPDATE WIP?

Electrical compliance affected?

Will the current test fixtures be affected? YES NO

If yes, what is the estimated cost of fixture? _____

Before serial number _____

By doing this change, are units currently out in field compatible? YES NO MAYBE

PART	DESCRIPTION	OLD	NEW	D	M	A	COST/UNIT	TOTAL

<input checked="" type="radio"/> PRIORITY Priority will be given to these PC's and will be implemented by the date required.	<input type="radio"/> X-JOB These PC's will be collected and implemented in the future when or if other PC's are being executed for the product
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