

CIRCUIT DESCRIPTION

Model No.: VP-L

Brand: ORION

The device under application is a Video Cassette Player, which is operated by AC commercial power source and DC power source.(AC120V,60Hz/DC 12V).

The unit contains circuitry for the Power supply, Luminance, Chrominance, System control, Servo, Operation, Head amp, Audio, RF converter and so on.

RF Converter output is output in US 3ch or 4ch and Emission frequency is as follows.

Emission Frequency; US 3ch Video carrier: 61.25MHz

Audio carrier: 65.75MHz

US 4ch Video carrier: 67.25MHz

Audio carrier: 71.75MHz

Type of RF Input and Output Connector;

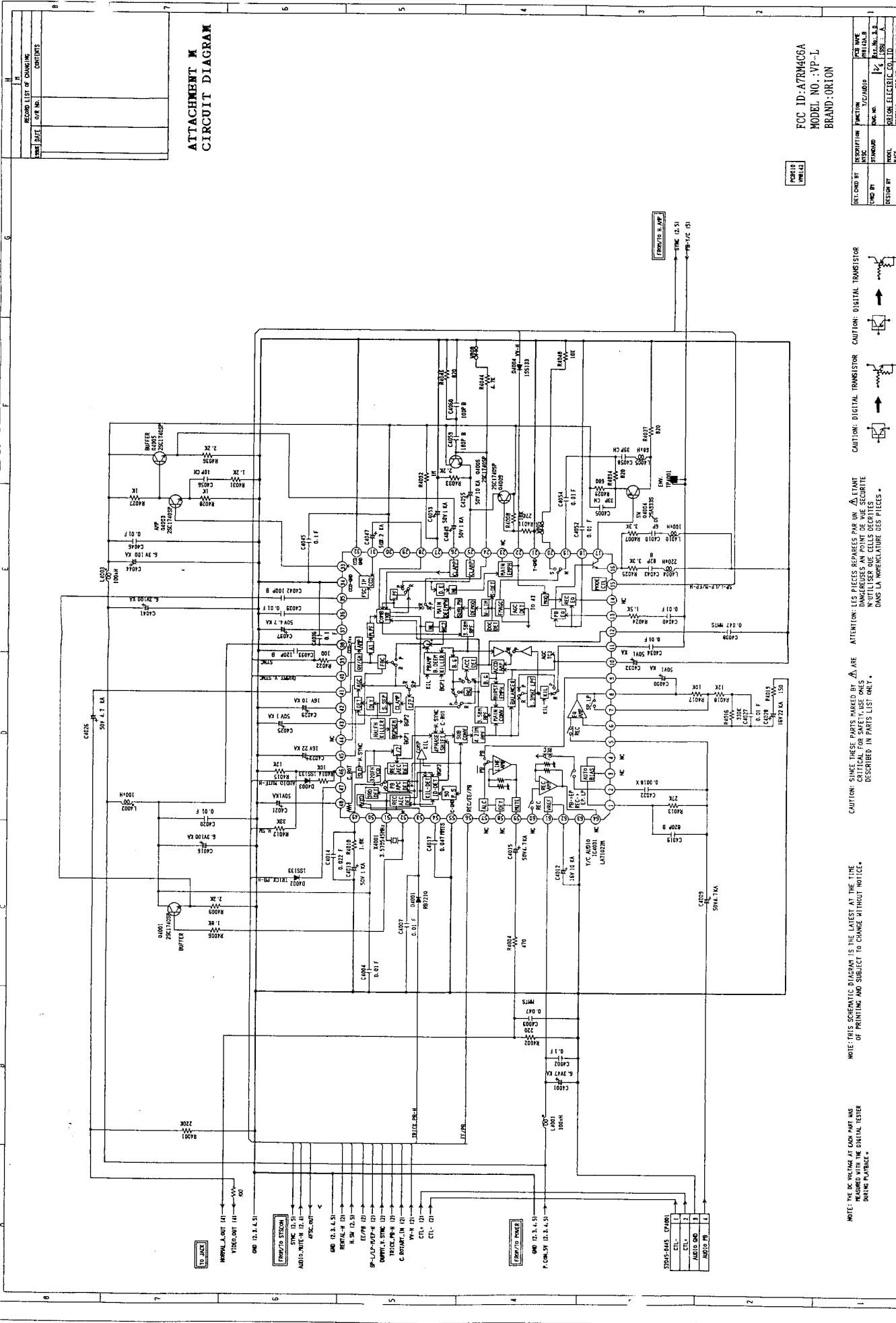
Type "F" Connector 75 ohm(Unbalanced)

The attached block diagram, ATTACHMENT L, describes the circuit functions.

FCC ID: A7RM4C6A

CIRCUIT DESCRIPTION

ATTACHMENT K



ATTACHMENT M CIRCUIT DIAGRAM

RECORD LIST OF CHANGES	CONTENTS
DATE	DATE
BY	BY
NO.	NO.

FCC ID: A7RM405A
MODEL NO.: VP-L
BRAND: ORION

POP10
VME 12

REVISION	DESCRIPTION	FUNCTION	DATE	BY
1	INITIAL	INITIAL	12/12/83	12/12/83
2	STANDARD	STANDARD	12/12/83	12/12/83
3	DESIGN	DESIGN	12/12/83	12/12/83
4	TESTING	TESTING	12/12/83	12/12/83

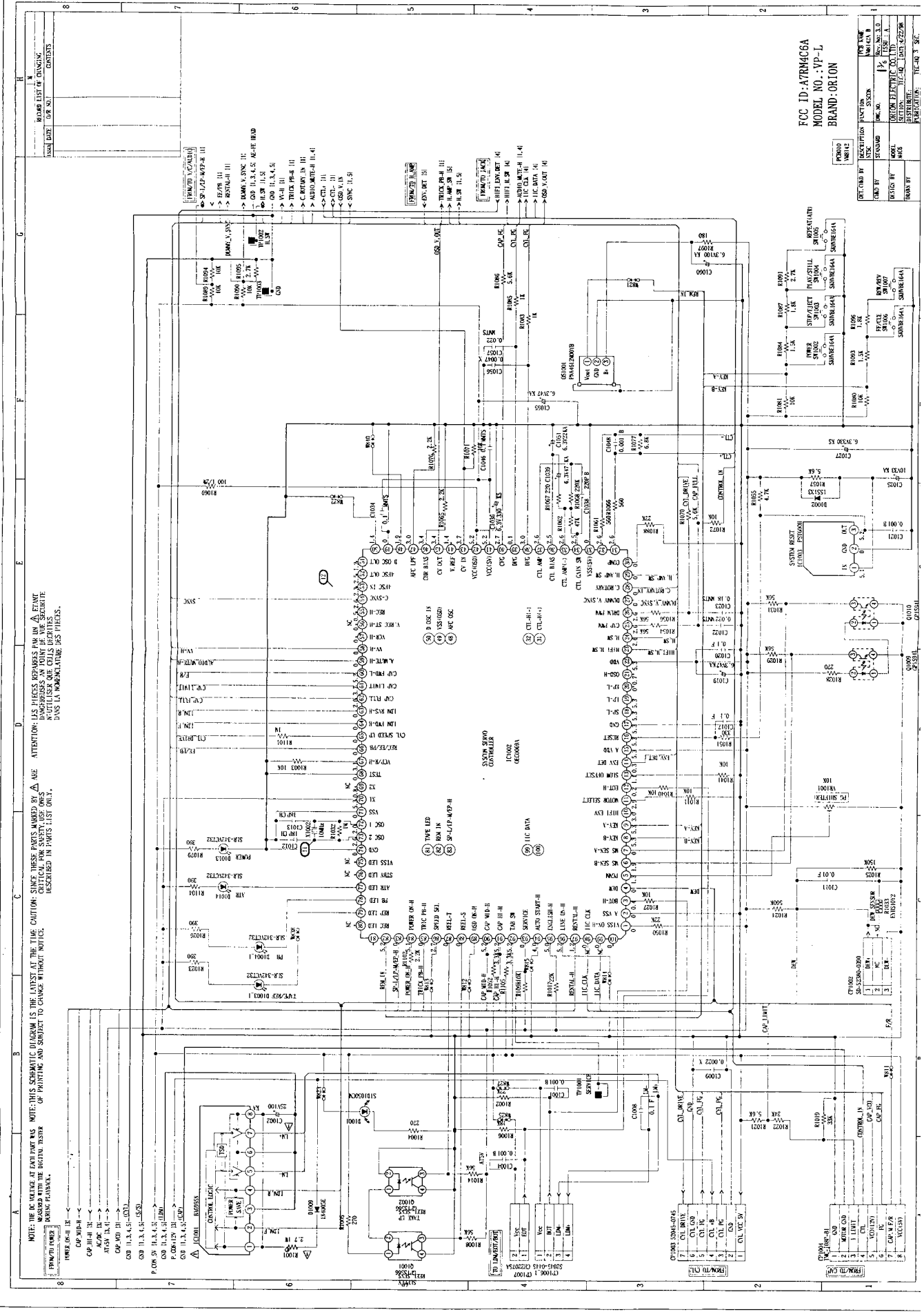
CAUTION: DIGITAL TRANSISTOR
CAUTION: DIGITAL TRANSISTOR

ATTENTION: LES PIÈCES MARQUÉES PAR UN ÉTAIENT
REPLACÉES PAR DES PIÈCES MARQUÉES PAR UN DANS LA NOMÉCLATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY ARE
REPLACED BY PARTS MARKED BY IN THE PARTS LIST ONLY.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE: THE DC VOLTAGE AT EACH POINT MUST
BE MEASURED WITH THE DIGITAL TESTER
DURING PLAYBACK.



NOTE: THE ASSEMBLY OF THIS UNIT MUST BE MADE BY A PERSON QUALIFIED TO DO SO. THE USER SHOULD BE ADVISED THAT THE UNIT IS NOT TO BE USED FOR COMMUNICATIONS PURPOSES. THE USER SHOULD BE ADVISED THAT THE UNIT IS NOT TO BE USED FOR COMMUNICATIONS PURPOSES.

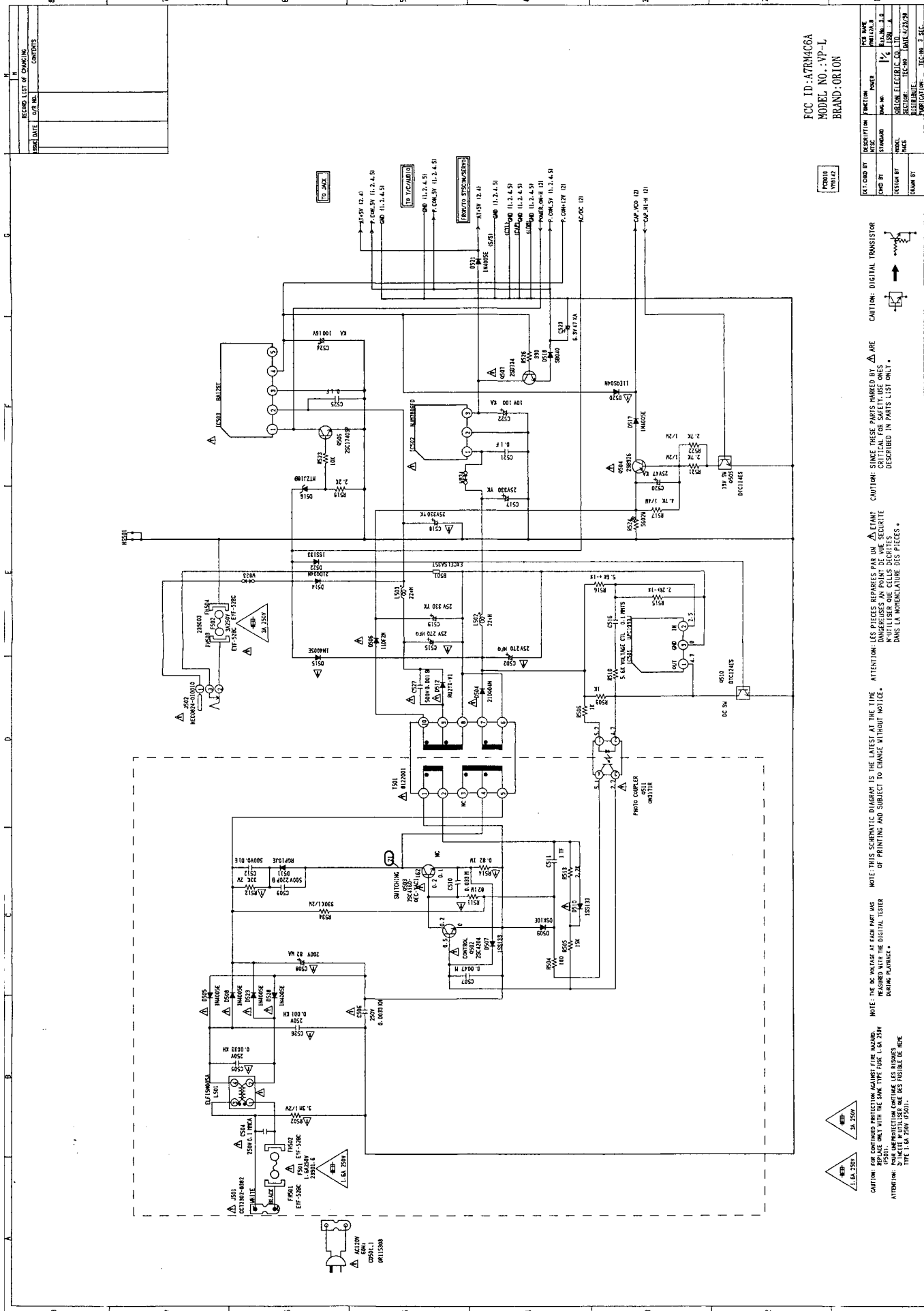
ATTENTION: LES PIÈCES DÉPOSÉES PAR UN DÉTENTEUR D'UN DÉPÔT DE BREVET SONT MARQUÉES PAR UN Δ. L'UTILISATEUR DE CE SCHEMA DOIT ÊTRE AVERTI QUE CE SCHEMA NE DOIT PAS ÊTRE REPRODUIT SANS LAutorisation ÉCRITE DU DÉTENTEUR DU BREVET.

NOTE: THE ASSEMBLY OF THIS UNIT MUST BE MADE BY A PERSON QUALIFIED TO DO SO. THE USER SHOULD BE ADVISED THAT THE UNIT IS NOT TO BE USED FOR COMMUNICATIONS PURPOSES. THE USER SHOULD BE ADVISED THAT THE UNIT IS NOT TO BE USED FOR COMMUNICATIONS PURPOSES.

ATTENTION: LES PIÈCES DÉPOSÉES PAR UN DÉTENTEUR D'UN DÉPÔT DE BREVET SONT MARQUÉES PAR UN Δ. L'UTILISATEUR DE CE SCHEMA DOIT ÊTRE AVERTI QUE CE SCHEMA NE DOIT PAS ÊTRE REPRODUIT SANS LAutorisation ÉCRITE DU DÉTENTEUR DU BREVET.

FCC ID: A78N4C6A
MODEL NO.: VP-L
BRAND: ORION

REVISION	DESCRIPTION	DATE	BY
1	INITIAL DESIGN	1980-01-15	J. SMITH
2	REVISION 1	1980-02-01	J. SMITH
3	REVISION 2	1980-02-15	J. SMITH
4	REVISION 3	1980-03-01	J. SMITH
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6	REVISION 5	1980-04-01	J. SMITH
7	REVISION 6	1980-04-15	J. SMITH
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258	REVISION 257	1990-10-01	J. SMITH
259	REVISION 258	1990-10-15	J. SMITH
260	REVISION 259	1990-11-01	J.



FCC ID: A7RM4C6A
MODEL NO.: VP-L
BRAND: ORION

REV.	DATE	BY	CHKD BY	DESCRIPTION	POWER	TIME
1				ORION ELECTRIC CO. LTD.	1/2	1:00
2				ORION ELECTRIC CO. LTD.	1/2	1:00
3				ORION ELECTRIC CO. LTD.	1/2	1:00
4				ORION ELECTRIC CO. LTD.	1/2	1:00
5				ORION ELECTRIC CO. LTD.	1/2	1:00
6				ORION ELECTRIC CO. LTD.	1/2	1:00
7				ORION ELECTRIC CO. LTD.	1/2	1:00
8				ORION ELECTRIC CO. LTD.	1/2	1:00
9				ORION ELECTRIC CO. LTD.	1/2	1:00
10				ORION ELECTRIC CO. LTD.	1/2	1:00

CAUTION: THESE PARTS MARKED BY Δ ARE CRITICAL FOR SAFETY. USE ONES DESCRIBED IN PARTS LIST ONLY.

ATTENTION: LES PIÈCES MARQUÉES PAR Δ SONT DANGEREUSES EN POINT DE VUE SÉCURITAIRE. N'UTILISER QUE CELLES DÉCRITES DANS LA NOMÉNCLATURE DES PIÈCES.

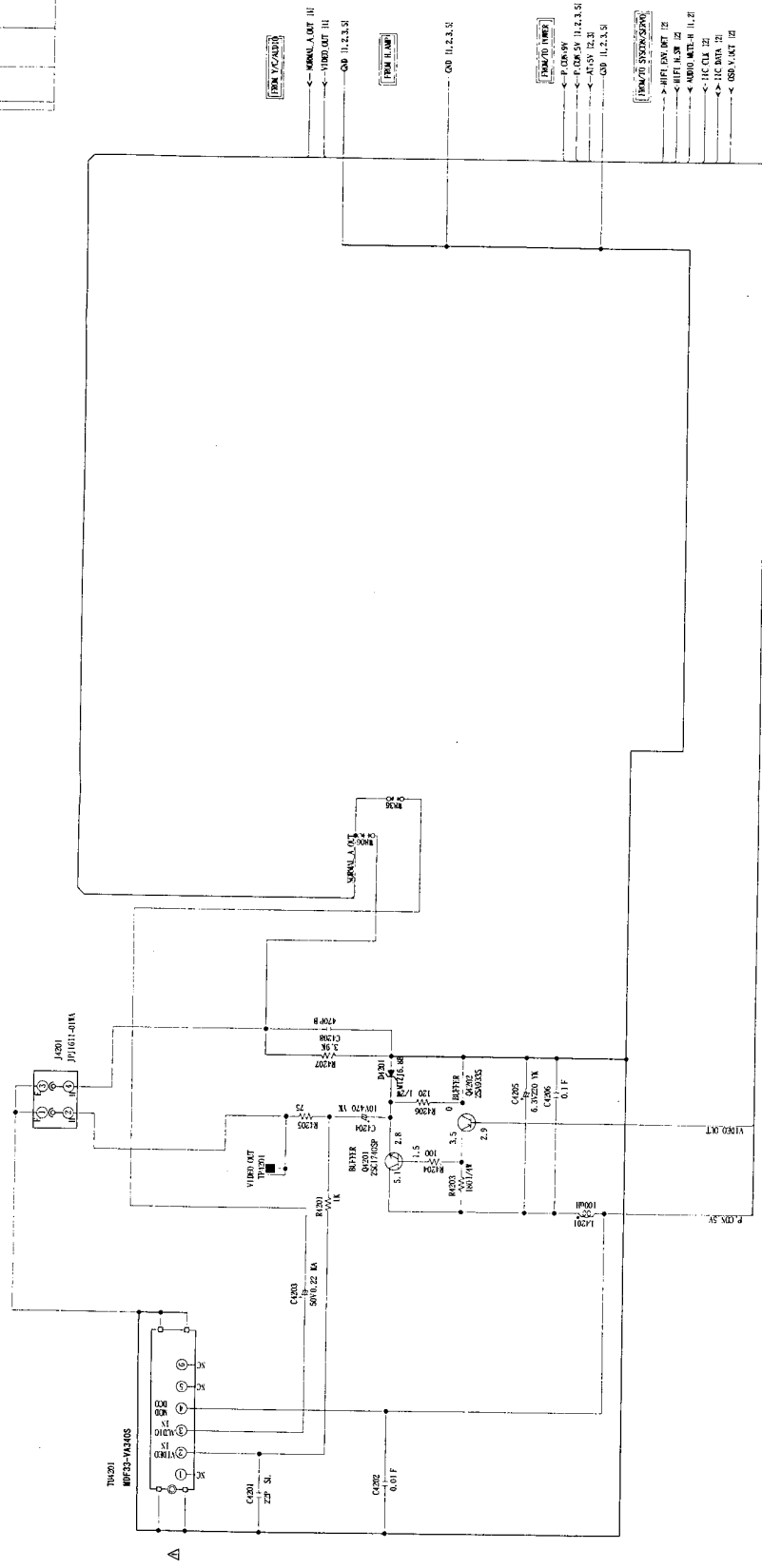
NOTE: THE INCREASE AT EACH PART HAS TO BE PRINTED AND SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE: L'INCRÉMENT À CHAQUE PART DOIT ÊTRE IMPRIMÉ ET SOUS-JECT À CHANGEMENT SANS AVOIR PRÉAVIS.

CAUTION: FOR SAFETY PROTECTION AGAINST FIRE HAZARD, REPLACE UNIT WITH THE SAME TYPE FUSE (LA 250V TYPE 1.6A 250V).

ATTENTION: D'UN POINT DE VUE SÉCURITAIRE, REMPLACER L'UNITÉ AVEC LE MÊME TYPE DE FUSIBLE (LA 250V TYPE 1.6A 250V).

ATTACHMENT M CIRCUIT DIAGRAM



FCC ID: A7M4C6A
MODEL NO.: VP-L
BRAND: ORION

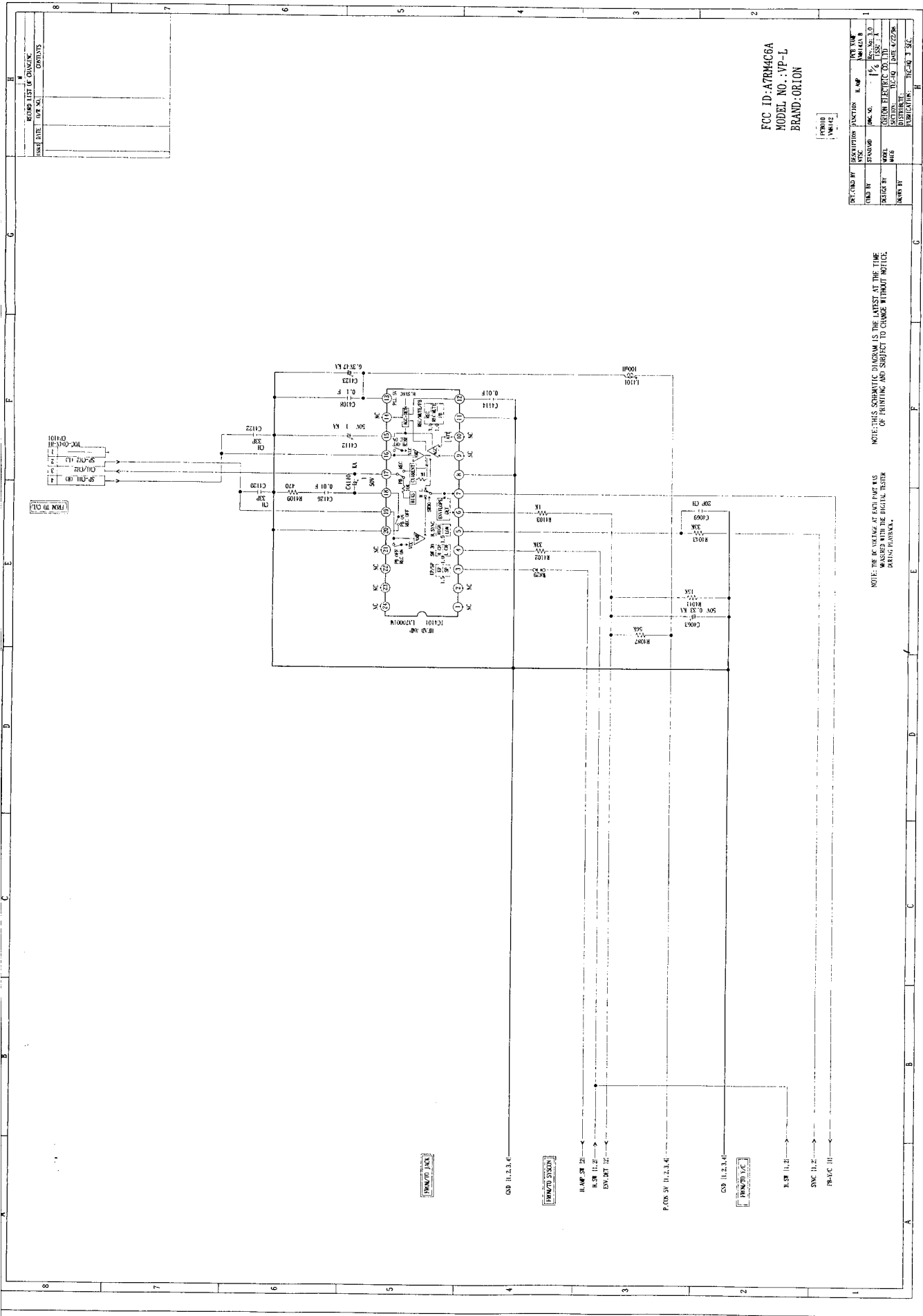
REV	DATE	DESCRIPTION	FUNCTION	DESIGNED BY	DATE
1	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
2	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
3	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
4	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
5	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
6	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
7	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
8	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
9	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00
10	10/10/00	ORION ELECTRIC CO., LTD.	DESIGNED BY	10/10/00	10/10/00

ATTENTION: LES PIÈCES REPÉRÉES PAR UN Δ SONT
CHANGEMENTS DE PIÈCES. VÉRIFIER LA MARQUE ET LE
N° DE SÉRIE DES PIÈCES. S'IL Y A DES DIFFÉRENCES,
IL FAUT LES REMPLACER PAR LES PIÈCES D'ORIGINE.

CAUTION: SINCE THESE PARTS MARKED BY Δ ARE
CHANGEMENTS OF PARTS, CHECK THE BRAND AND
SERIAL NUMBER OF THE PARTS. IF THERE ARE
DIFFERENCES, REPLACE THEM WITH THE ORIGINAL
PARTS.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING, AND SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE: THE DC VOLTAGE AT EACH PART HAS
BEEN MEASURED WITH THE DIGITAL TESTER
DURING FABRICATION.



NOTE: THE SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

FCC ID: A78M4C6A
MODEL NO.: VP-L
BRAND: ORION

DATE: 1/1/1990

REV.	DESCRIPTION	DATE	BY
1	INITIAL	1/1/1990	WLS
2	REVISION	1/1/1990	WLS
3	REVISION	1/1/1990	WLS
4	REVISION	1/1/1990	WLS
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6	REVISION	1/1/1990	WLS
7	REVISION	1/1/1990	WLS
8	REVISION	1/1/1990	WLS
9	REVISION	1/1/1990	WLS
10	REVISION	1/1/1990	WLS