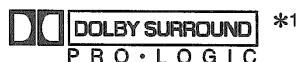
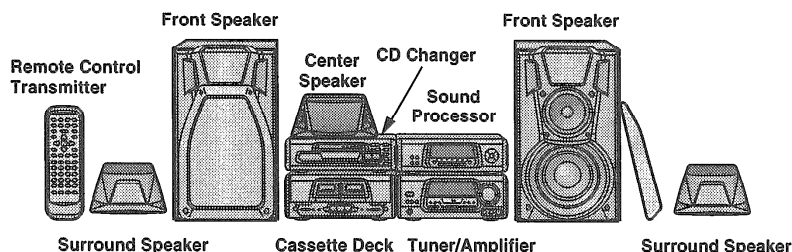


# Service Manual



Sound Processor

Sound Processor  
**SH-EH502**

**Colour**

(S) ..... Silver Type.

**Area**

(GK) ..... China.

• Please file and use this manual together with the service manual for Model No. SH-EH500, Order No. AD9712180C3.

**Note:** This simplified service manual is provided to indicate the differences between the original No. SH-EH500 (GK) and the subsequent model No. SH-EH502 (GK).

• Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

| System              | SC-VC978  |
|---------------------|-----------|
| Sound Processor     | SH-EH502  |
| Tuner / Amplifier   | SA-EH502  |
| CD Changer          | SL-EH602  |
| Cassette Deck       | RS-EH1000 |
| Front Speakers*2    | SB-VC1000 |
| Center Speaker*2    | SB-PC55   |
| Surround Speakers*2 | SB-PS55   |

## Specifications

### EQ/SFP Section

#### MANUAL GEQ:

**Center frequency** 100 Hz, 315 Hz, 1 kHz,  
3.15 kHz, 10 kHz

**Level control** ± 3, 6, 9 dB

#### EQ SPACE mode:

**3 modes** HALL, CLEAR, HEAVY

**Acoustic Image Equalizer:** 36 pattern

### DOLBY PRO LOGIC Section

**PRO LOGIC mode:** SURROUND, 3 STEREO

**CENTER mode:** NORMAL, WIDE, PHANTOM

**DELAY TIME:** 20 ms (Fixed)

### Spectrum analyzer Section

**Display mode:** NORMAL, PEAKHOLD, AURORA

### General

#### Power supply:

DC ± 7.5 / + 13 / - 30 V  
AC 5.5 V 50/60 Hz

#### Power consumption:

5 W

#### Dimensions:

287 (W) × 89 (H) × 273.5 (D) mm

#### Weight:

1.1 kg

**Notes:** Specifications are subject to change without notice.

Weight and dimensions are approximate.

\*1 : Manufactured under license from Dolby Laboratories Licensing Corporation.

DOLBY, the double-D symbol  and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

\*2 : Made in Singapore.

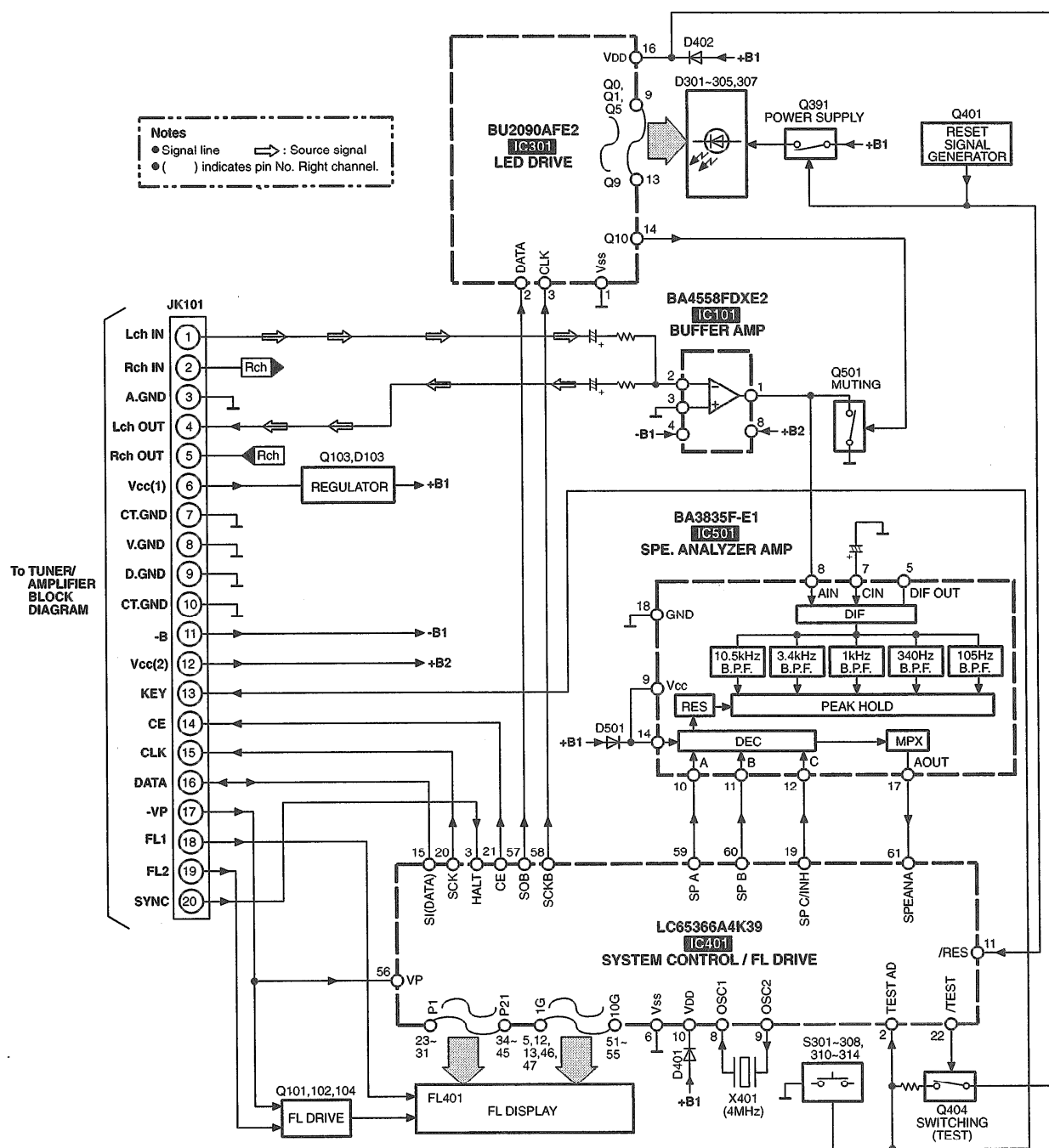
### ⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

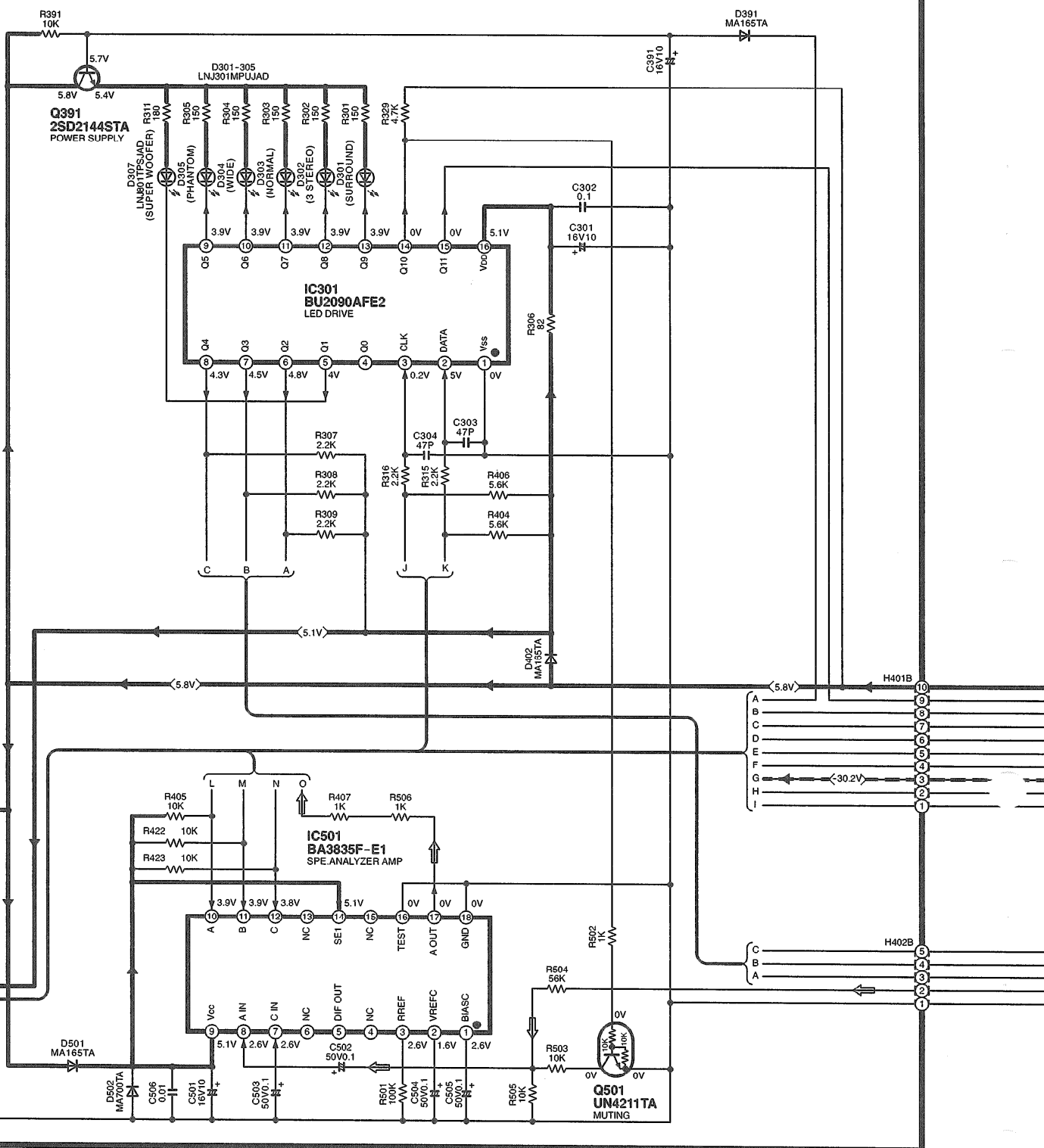
# Panasonic®

© 1998 Matsushita Electric Industrial Co., Ltd.  
All rights reserved. Unauthorized copying and distribution is a violation of law.

# Block Diagram







## **B** IN/OUT TERMINAL CIRCUIT (P.C.Board: on page 8)

 : POSITIVE VOLTAGE LINE     : SPECTRUM ANALYZER  
 : NEGATIVE VOLTAGE LINE    : SIGNAL LINE

