

PRODUCT INTRODUCTION

MP1570A1

SONET/SDH/PDH/ATM Analyzer

MEASUREMENT SOLUTIONS

ANRITSU CORPORATION

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MP1570A1 SONET/SDH/PDH/ATM Analyzer

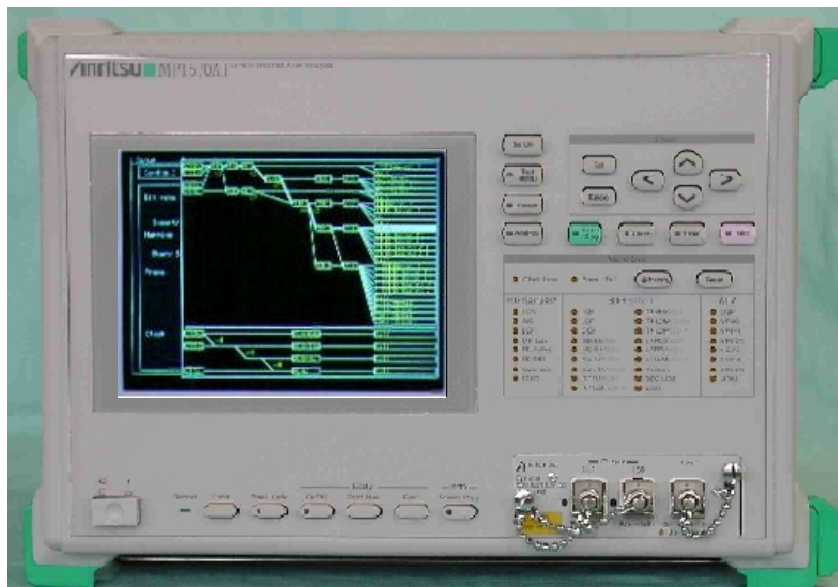
Anritsu Corporation
Measurement Solutions
Marketing Dept. Digital.com Div.

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1570-1

External View of MP1570A1



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Features



- ◆ The MP1570A cannot perform measurements above 2.5G with the MP0121A unit for European (2,8,34,139M/SDH) system and MP0122A/B unit for North America (1.5,45M/SONET) system installed at the same time. To solve this problem, an extra slot was added in the MP1570A1.
- ◆ All the plug-in units for the MP1570A are supported and the software is also fully compatible.
- ◆ Only MP0122A/B inserted in the extra slot.
- ◆ It is impossible to measure US system (1.5,45M/SONET) and Europe system (2,8,34,139M/SDH) at the same time.
- ◆ In case of switching the MP0121A and MP0122A/B by panel operation, it takes as much time as setting up the power supply.
- ◆ Other functions are the same as the MP1570A.

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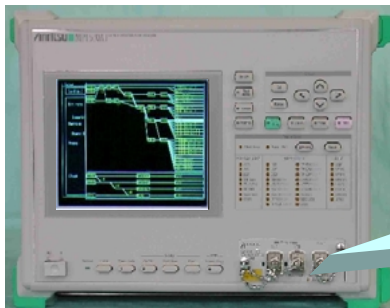
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Plug-In Unit Method



- Full Line of Interface Units
 - ◆ Optical 1.31, 1.55, 1.31/1.55
 - ◆ Electrical NRZ, CMI
- Optical Units with Built-in Power Meter



- ◆ Optical 156/622M (1.31) **MP0111A**
- ◆ Optical 156/622M (1.55) **MP0112A**
- ◆ Optical 156/622M (1.31/1.55) **MP0113A**
- ◆ CMI **MP0105A**
- ◆ NRZ (156M/622M) **MP0108A**

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Plug-in Unit Method

– Supports Variety of Measurements using Plug-in Units



MP1570A1

Interface Units

- 2.5/10G MU150000A
- Optical 10G Tx (1.55) MU150001A/B
- Optical 10G Tx (1.55) High power MU150031A/C
- Optical 10G Tx (1.31) MU150061A/B
- Optical 10G Rx (Narrow) MU150002A
- Optical 10G Rx (Wide) MU150017A/B
- 2.5G MU150008A/150009A/150010A
- 2/8/34/139/156M MP0121A
- 1.5/45/52M MP0122A/B
- ATM MP0123A
- Jitter/Wander MU150005A
 - 2/8/34/139M, 156/622M
 - 1.5/45M, 52/156/622M
 - 2/8/34/139M, 1.5/45M, 52/156/622M
- 2.5G Jitter MU150006A
- Add/Drop MU150007A
- MU150011A
- MP0131A

Plug-in Structure

Right Side Cover of MP1570A



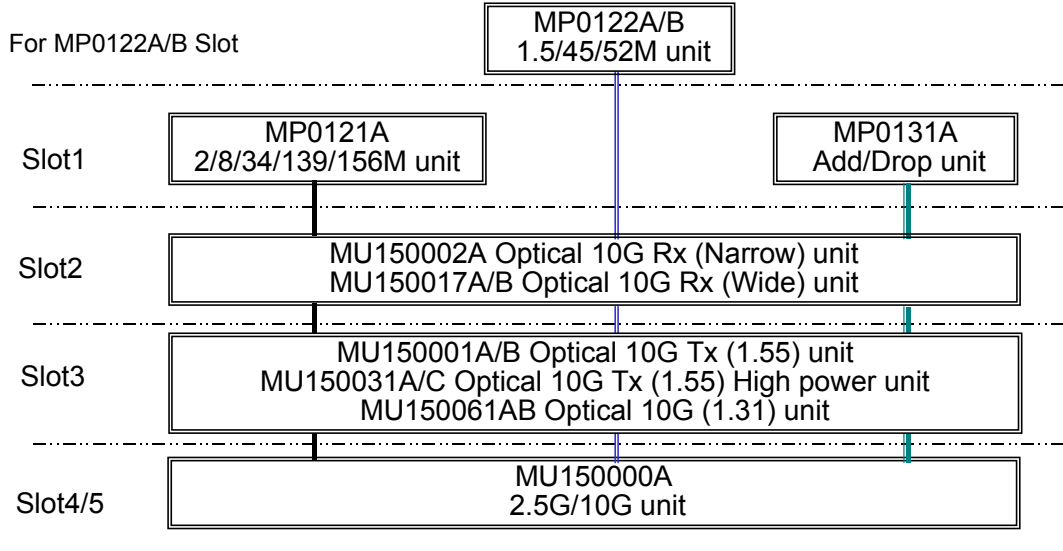
For MP0122A/B

- ← Slot 1
- ← Slot 2
- ← Slot 3
- ← Slot 4
- ← Slot 5



Plug-in Structure

◆ 10G



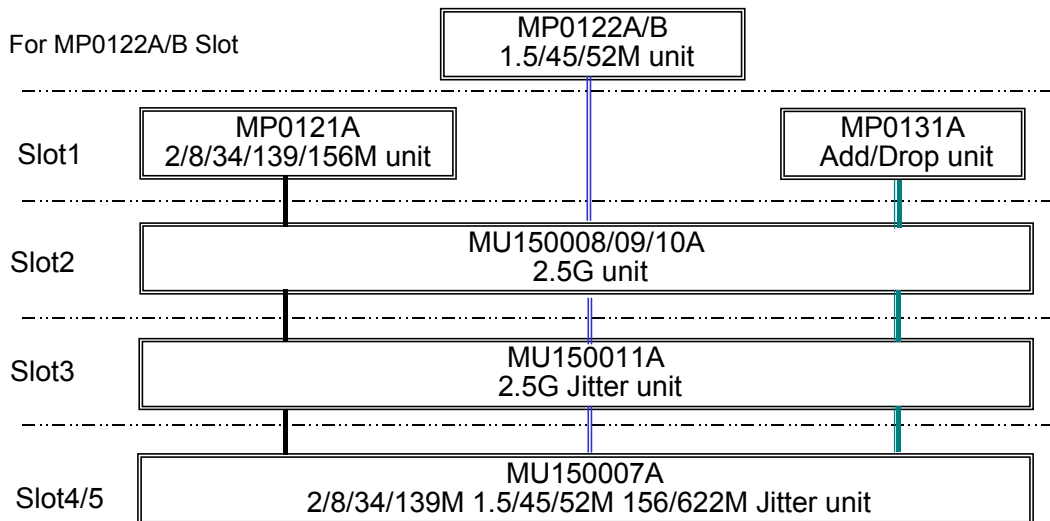
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Plug-in Structure

◆ 2.5G

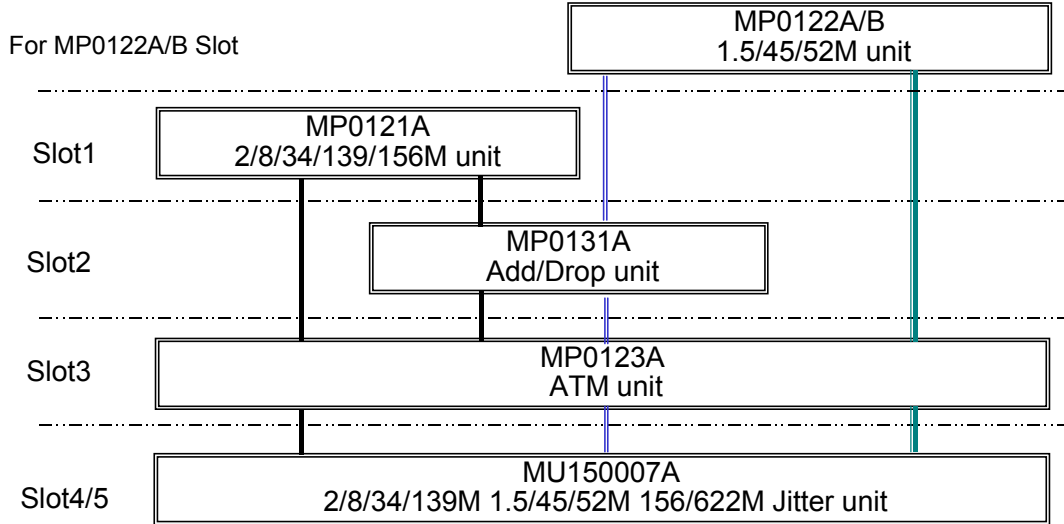


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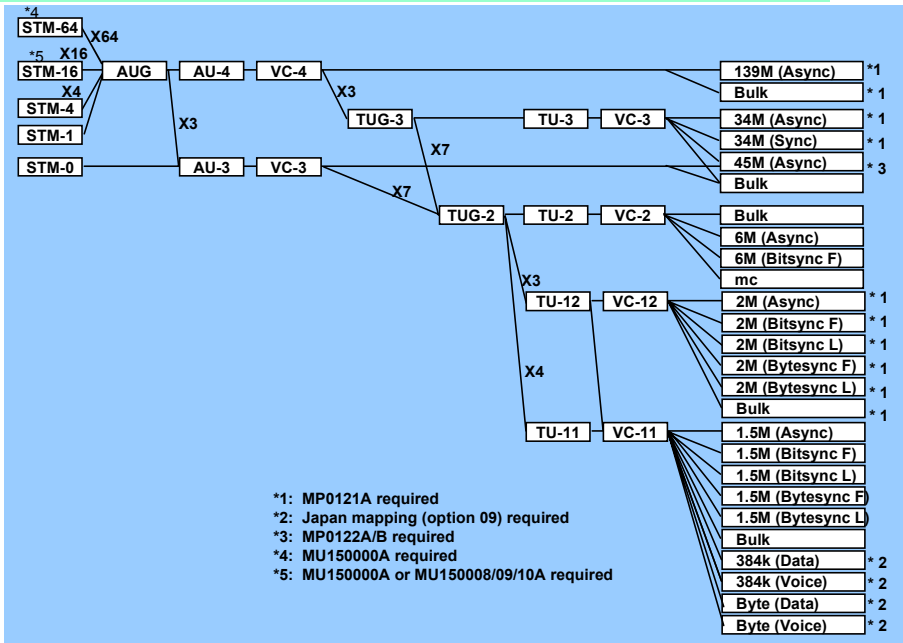
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Plug-in Structure

◆ 622M



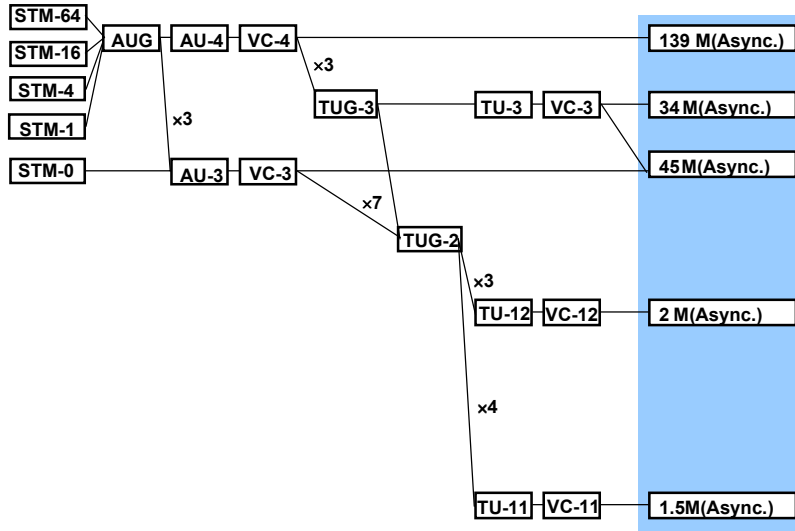
All SDH/SONET Mappings Supported





All SDH/SONET Mappings Supported

◆ Add/Drop (With MP0131A)



Add/Drop Interface



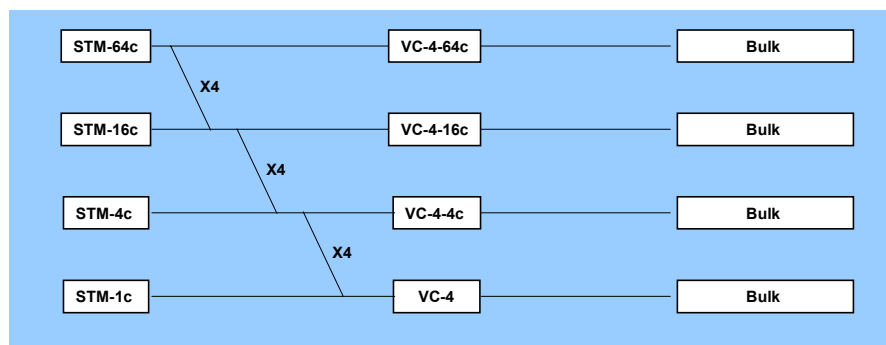
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Concatenation Mapping

◆ STM-1c to STM-64c Concatenation Mapping



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Specifications are subject to change without notice.

ANRITSU CORPORATION MEASUREMENT SOLUTIONS

5-10-27, Minamiazabu, Minato-ku, Tokyo 106-8570, Japan
Phone: +81-3-3446-1111
Telex: J34372
Fax: +81-3-3442-0235

● U.S.A. ANRITSU COMPANY

North American Region Headquarters
1155 East Collins Blvd., Richardson, Tx 75081, U.S.A.
Toll Free: 1-800-ANRITSU (267-4878)
Phone: +1-972-644-1777
Fax: +1-972-671-1877

● Canada ANRITSU ELECTRONICS LTD.

Unit 102, 215 Stafford Road West
Nepean, Ontario K2H 9C1, Canada
Phone: +1-613-828-4090
Fax: +1-613-828-5400

● Brasil ANRITSU ELETRÔNICA LTDA.

Praia de Botafogo 440, Sala 2401 CEP 22250-040,
Rio de Janeiro, RJ, Brasil
Phone: +55-21-5276922
Fax: +55-21-537-1456

● U.K. ANRITSU LTD.

200 Capability Green, Luton, Bedfordshire LU1 3LU, U.K.
Phone: +44-1582-433200
Fax: +44-1582-731303

● Germany ANRITSU GmbH

Grafenberger Allee 54-56, 40237 Düsseldorf, Germany
Phone: +49-211-96855-0
Fax: +49-211-96855-55

● France ANRITSU S.A.

9, Avenue du Québec Z.A. de Courtabœuf 91951 Les
Ulis Cedex, France
Phone: +33-1-60-92-15-50
Fax: +33-1-64-46-10-65

● Italy ANRITSU S.p.A.

Via Elio Vittorini, 129, 00144 Roma EUR, Italy
Phone: +39-06-509-9711
Fax: +39-06-502-24-25

● Sweden ANRITSU AB

Botvid Center, Fittja Backe 1-3 145 84 Stockholm,
Sweden
Phone: +46-853470700
Fax: +46-853470730

● Spain ANRITSU ELECTRÓNICA, S.A.

Europa Empresarial Edificio Londres, Planta 1, Oficina
6 C/ Playa de Liencres, 2 28230 Las Rozas. Madrid,
Spain
Phone: +34-91-6404460
Fax: +34-91-6404461

● Singapore ANRITSU PTE LTD.

10, Hoe Chiang Road #07-01/02, Keppel Towers,
Singapore 089315
Phone: +65-282-2400
Fax: +65-282-2533

● Hong Kong ANRITSU COMPANY LTD.

Suite 719, 7/F., Chinachem Golden Plaza, 77 Mody
Road, Tsimshatsui East, Kowloon, Hong Kong, China
Phone: +852-2301-4980
Fax: +852-2301-3545

● Korea ANRITSU CORPORATION

14F Hyun Juk Bldg. 832-41, Yeoksam-dong,
Kangnam-ku, Seoul, Korea
Phone: +82-2-553-6603
Fax: +82-2-553-6604-5

● Australia ANRITSU PTY LTD.

Unit 3/170 Forster Road Mt. Waverley, Victoria, 3149,
Australia
Phone: +61-3-9558-8177
Fax: +61-3-9558-8255

● Taiwan ANRITSU COMPANY INC.

6F, 96, Sec. 3, Chien Kou North Rd. Taipei, Taiwan
Phone: +886-2-2515-6050
Fax: +886-2-2509-5519