

**PROFESSIONAL
SOUND
EQUIPMENTS**

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Fostex®

Fostex Professional Equipments Designed to Meet the Demanding of Professional Use.

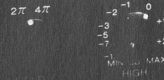
Providing outstanding performance and unmatched reliability for the professional is always a difficult task. Through the years, Fostex has skillfully undertaken this task and has supplied to professionals around the world a broad spectrum of products, including loudspeakers and loudspeaker systems, microphones, headphones and amplifiers. All of these products incorporate advanced technology such as RP technology and unique concepts developed by Fostex through many years of manufacturing and engineering experience. Fostex professional products offer superior performance, high reliability and are proven in thousands of installations everyday.

RP stands for Regulated Phase. It's a new transducer technology which was developed at Fostex. So far, more than 20 international patents have been awarded. The essential idea of this RP transducer is a flat, thin film diaphragm onto which the voice coil is printed; this assembly is then suspended between magnetic circuits arranged on both side of this diaphragm, with the same polarities facing each other and the opposite polarities adjacent to one another.

The end result of this arrangement permits the diaphragm to be driven with absolute uniformity. Which means it doesn't sound differently at different levels. It provides the same uniform frequency response across an extremely wide dynamic range.

Because the printed film diaphragm moves identically in both directions, and the entire diaphragm surface is within the magnetic field, it by-passes all of the response variations caused by conventional mounting designs. There simply is no mechanically induced distortion in the RP tweeter. It functions as an edgeless device.

Fostex
REFERENCE MONITOR
model RM800

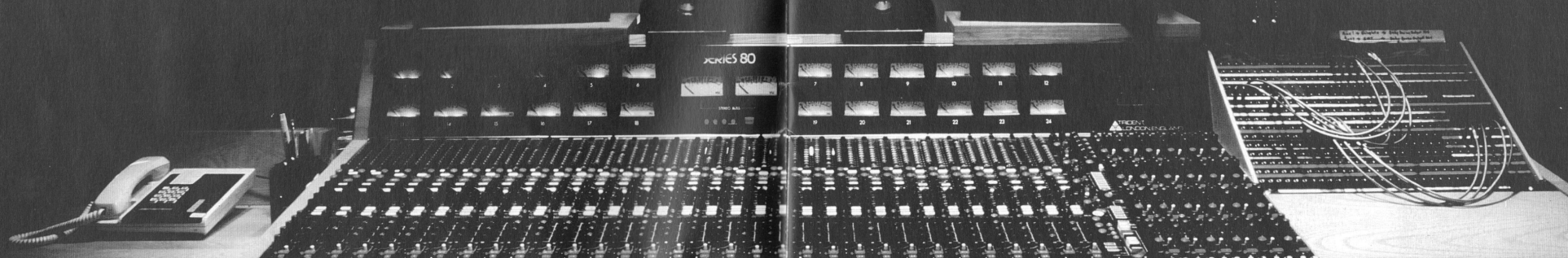


Fostex
REFERENCE MONITOR
model RM900



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Power Amplifier



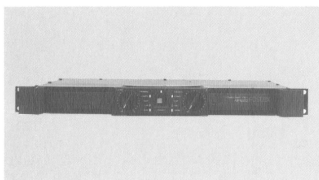
The new Fostex AP-Series high power amplifiers Models AP-1020, 2090 and 2130, designed for professional use, are "Durable," "Stable" and "Small size." Applicable to the most sophisticated PA. needs and recording sessions, exceptional stability and durability combined with sharp sound images and high power with a large margin is realized through high technology power supply circuitry and selected components. Many new ideas for versatility are employed such as providing both balanced type Cannon XLR connectors and unbalanced type phone jacks at the inputs.

OUTSTANDING FEATURES

- **Forced cooling**
When the amplifier internal temperature rises, the cooling fan automatically changes to high speed to force cool the heat sink for protecting the amplifier.
- **Crossover network OUTPUT connector (HIGH, LOW; AP2090 and AP2130 only)**
This output connector allows multi system use with a 2 way or 3 way speaker system (Refer to Multi System Examples) and HIGH PASS/LOW PASS outputs can be obtained from each output connector.

Compressor/limiter circuit

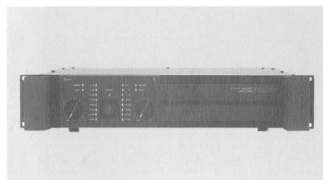
Individual compressor/limiter circuits for each channel are contained which can be made to function by the rear panel ON/OFF selector switch. The limiter can be switched ON/OFF by the rear panel COMP/L switch. The compressor operates at a compression ratio of 2, from about 1/2 of rated output up to clipping output, after which the hard limiter functions to suppress distortion. Consequently, when the limiter is switched on, the output will not largely distort even at excess input.



AP1020

SPECIFICATIONS

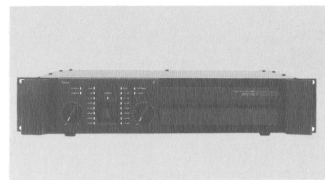
[AMPLIFIER SECTION]
•Rated output: 75W+75W: 80, 100W+100W: 40, 200W (mono): 80 •Total harmonic distortion (At 1kHz rated output): Less than 0.05% •Reproduce frequency range: 10-35,000Hz (At rated output, +0dB, -1dB) •S/N ratio: 92dB (IHF-A, 100dB) •Input impedance: 10KΩ •Damping factor: Higher than 300 (80) (1kHz) •Input sensitivity (At rated output): 0.70V (±1dB, 80)
[CROSSOVER NETWORK SECTION]
•Dimensions: 482(W)×43.5(H)×422(D)mm •Weight: 8.1kg •Power supply: 120V/AC, 220V/AC, 240V/AC •Power consumption: AC100V: 215W, AC120V: 210W, AC220/240V: 550VA



AP2090

SPECIFICATIONS

[AMPLIFIER SECTION]
•Rated output: 300W+300W: 80, 450W+450W: 40, 900W (mono): 80 •Total harmonic distortion (At 1kHz rated output): Less than 0.05% •Reproduce frequency range: 10-35,000Hz (At rated output, +0dB, -1dB) •S/N ratio: 100dB (IHF-A, 105dB) •Input impedance: 10KΩ •Damping factor: Higher than 350 (80) (1kHz) •Input sensitivity (At rated output): 1.40V (±1dB, 80)
[CROSSOVER NETWORK SECTION]
•Crossover frequency: 30-2,000Hz (18dB/oct.) •Dimensions: 482(W)×88(H)×435(D)mm •Weight: 22.6kg •Power supply: 120V/AC, 220V/AC, 240V/AC •Power consumption: AC100V: 630W, AC120V: 955W, AC220/240V: 2KVA

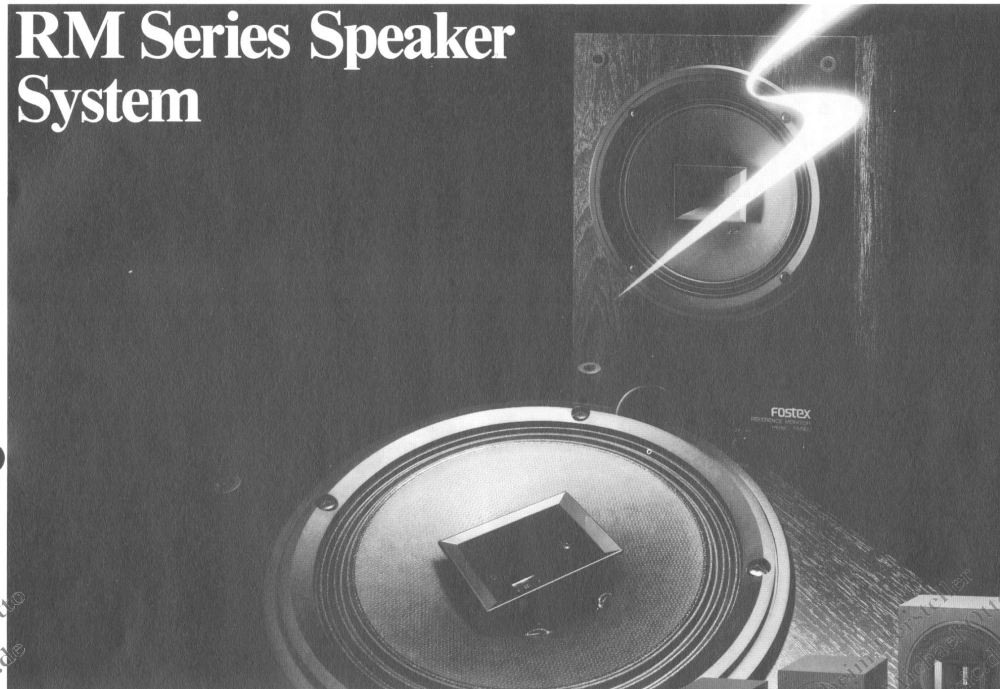


AP2130

SPECIFICATIONS

[AMPLIFIER SECTION]
•Rated output: 450W+450W: 80, 650W+650W: 40, 1300W (mono): 80 •Total harmonic distortion (At 1kHz rated output): Less than 0.05% •Reproduce frequency range: 10-35,000Hz (At rated output, +0dB, -1dB) •S/N ratio: 100dB (IHF-A, 105dB) •Input impedance: 10KΩ •Damping factor: Higher than 400 (80) (1kHz) •Input sensitivity (At rated output): 1.72V (±1dB, 80)
[CROSSOVER NETWORK SECTION]
•Crossover frequency: 30-2,000Hz (18dB/oct.) •Dimensions: 482(W)×88(H)×435(D)mm •Weight: 23.0kg •Power supply: 120V/AC, 220V/AC, 240V/AC •Power consumption: AC100V: 745W, AC120V: 1150W, AC220/240V: 2.28KVA

RM Series Speaker System



Fostex Near-Field Monitors are point source, coaxial speakers. All the sound emanates from a point reference, just like in nature, so all the sound reaches your ears at the same time. Stereo imaging is rock solid. This design produces a "sweet spot" so you know that what you're hearing from the RM Series will sound proportionally the same in a car, on a hi-fi system or through a custom-tuned playback system in the studio.

RM800/RM900/RM1000

•The double spider design of the RM Series woofers is the perfect complement to the RP tweeter. In a conventional single spider design, the compliance from one direction differs from the other. This difference produces unacceptable distortion, particularly in the second harmonic region. Fostex engineers added a second spider in a push/pull complementary configuration to cancel the compliance effects of a single spider design. The result is a 10dB improvement in second harmonic distortion. A 2" voice coil/magnet assembly and a computer modeled bass reflex design complete the profile of what is definitive low end response in the Reference Monitor Series.

•These two exceptional drivers are first placed in a coaxial relationship, then time compensation adjusted in a true concentric design. So all the music arrives at your ears simultaneously, not unlike the natural phenomena of sound.

•Both drivers are now phase and time coherent. They now produce a point source reference so clean and well-defined that the experience approaches the theoretic ideal of a pulsating sphere. It's hard to imagine another close field monitor coming anywhere near the overall performance of the Fostex RM. Harder still would be to find one with uniform frequency response in both 2r and 4r environments.

•Most small reference monitors like the 800 and 900 are designed for rack, wall or soffit mounting (2r). Unlike the others, ours have a switch for free field or console mounting (4r).
•Regardless of the placement, the Fostex 800 and 900 may be switched (front panel, of course) for proper response. And because they are phase and time coherent, you can mount them vertically or horizontally. Rack adaptors and mounting hardware are available, and all holes have been predrilled for convenient interface with any standard rack. The problems of placement have been anticipated so that you can get on with using them.

SPECIFICATIONS

[RM800] •SPL (W/1m): 90dB •Power (Program): 100W •Dimension: 215(W)×380(H)×241(D)mm •Weight: 6.7kg •Speaker: 2 WAY-COAXIAL 16cm Woofer & RP-Tweeter
[RM900] •SPL (W/1m): 92dB •Power (Program): 110W •Dimension: 260(W)×440(H)×286(D)mm •Weight: 8.5kg •Speaker: 2 WAY-COAXIAL 20cm Woofer & RP-Tweeter
[RM1000] •SPL (W/1m): 93dB •Power (Program): 120W •Dimension: 370(W)×620(H)×314(D)mm •Weight: 22.2kg •Speaker: 2 WAY-COAXIAL 30cm Woofer & RP-Tweeter

SP Series Speaker System

PROFESSIONAL USE SPEAKER SYSTEM

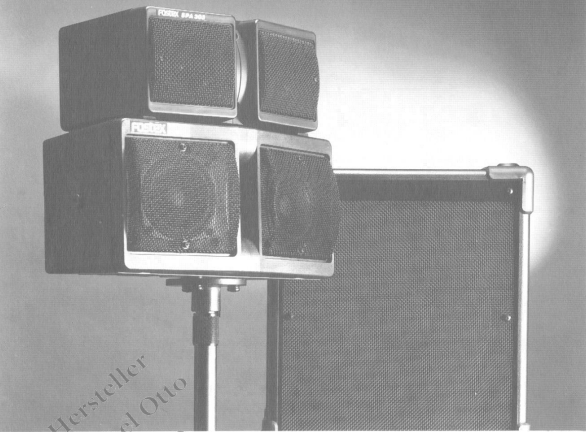
Models SPA707 and SPA303 have been developed which allow system up of the highly evaluated Model SPA11 speaker system containing an amplifier.

SPA707 is a small size, lightweight, floor enclosure type super woofer system with an internal power amplifier. In order to realize heavy lows, difficult to reproduce by SPA11 only, a large diameter 30cm woofer is installed in a portable enclosure and a large power amplifier installed inside it. Its performance is further improved by system-up with SPA11.

SPA303 is a tweeter with an internal power amplifier designed for combining with the SPA11 in the same concept as with SPA707. Having a front mask matched with SPA11, it has two horn tweeters mounted at an angle to perform over a wide area. SPA303 reproducing perfect lows, especially together with the SPA11+SPA707 system, puts forth its good performance by filling in the missing high region energy of the loudness contour.

Both models have individual volume controls which allow flexible adjusting according to the situation at hand such as the setting and the music source.

By completion of the total system of SPA11+SPA707+SPA303, it is now possible to reproduce complete sounds unrealized up to now, from low to high.



SPA707

A professional use public address woofer system containing a 30 centimeter large diameter cone type woofer and a 150 watt high power amplifier in a small but durable enclosure. It can be further graded up for reproducing of clear and powerful sound by combining this with Modl SPA11.

SPECIFICATIONS

•Name: Powered woofer system •Type: Internal amp woofer •Speaker: 30cm cone type woofer (6Ω)
 •Reproduce frequency: 45-300Hz •Max. sound pressure level: 114dB/-20dBm at 100Hz •Input: HIGH LEVEL (-20dBm): phone jack, LOW LEVEL (-50dBm): phone jack •Input imp.: HIGH LEVEL (33kΩ), LOW LEVEL (1kΩ) •Output: HPF (-20dBm): phone jack, AUX (-10dBm): phone jack •Harmonic distortion: 0.1% (100Hz, 150W) •S/N ratio: 97dB (IHF-A)
 •Power/watt: 100VAC: 50/60Hz: 100W, 120VAC: 60Hz: 160W, 220VAC: 50Hz: 400VA, 240VAC: 50Hz
 •Power cord length: 2.3m •Physical dimensions: 288(W) x 416(H) x 289(D)mm •Weight: 14kg

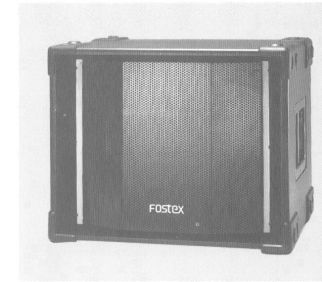


SP15

Balanced sound from lows to highs are reproduced at high efficiency. A two way system with a 20cm woofer and exponential horn tweeter, it is a compactly assembled high performance system widely applicable from a main speaker up to FB use.

SPECIFICATIONS

•Type: 2 way front load horn, vented box type •Speaker unit: 20cm (woofer), Exponential horn tweeter •Impedance: 8Ω •Reproduce frequency range: 85-20,000Hz •Output sound pressure level: 95dBW (1m) •Maximum sound pressure level: 115dB •Permissible continuous input level: 100W (RMS, EIARS 426A) •Permissible peak input level: 400W •Crossover frequency: 4,000Hz •Directivity angle: 80 degrees(H) x 55 degrees(V) •Input connector: XLR-3-32 equivalent x 1, 1/4" standard phone jack x 1, Push type 2P terminal •Enclosure material: Highly reinforced wood board •Enclosure finish: Black artificial leather urethane resin finish •Physical dimensions: 400(W) x 316(H) x 308(D)mm •Weight: 11kg



SP21

A 2 way system consisting of a 30cm woofer and exponential horn tweeter. Designed for high level inputs, this is a large scale system with super clear and forceful sound which will allow expressing the sound to suit any situation.

SPECIFICATIONS

•Type: 2 way front load horn, vented box type •Speaker unit: 30cm (woofer), Exponential horn tweeter •Impedance: 8Ω •Reproduce frequency range: 65-17,000Hz •Output sound pressure level: 98dBW (1m) •Maximum sound pressure level: 122dB •Permissible continuous input level: 250W (RMS, EIARS 426A) •Permissible peak input level: 1000W •Crossover frequency: 3,000Hz •Directivity angle: 60 degrees(H) x 35 degrees(V) •Input connector: XLR-3-32 equivalent x 1, 1/4" standard phone jack x 1, Push type 2P terminal x 1 •Enclosure material: Highly reinforced wood board •Enclosure finish: Black artificial leather urethane resin finish •Physical dimensions: 516(W) x 416(H) x 408(D)mm •Weight: 21kg

RAINFROOF TYPE IS ADDED TO THE LINEUP OF COMMERCIAL USE MINI-SPEAKER SYSTEMS OF SUPERIOR PERFORMANCE, SOUND QUALITY AND RELIABILITY.

SPA11

A commercial use speaker system containing a large output 100W RMS (200W program) amplifier with two inputs for mic and line, and a sound volume control. High quality public addressing in clear and high intelligibility sound can be obtained and can be stack mounted or connected side-by-side.

- Contains two new design 10cm full range units
- Contains a high powered amplifier
- Two input channels and a sound volume control
- Provided with AUX OUT jack
- Can be stack mounted vertically or horizontally
- Automatic Gain Control
- Automatic Equalizer
- AC-OUTLET

SPECIFICATIONS

•Name: Powered full range system •Type: Internal amp full range •Speaker: 10cm cone type full range (16Ω) x 2 •Reproduce frequency: 60-18,000Hz •Max. sound pressure level: 112dB/-20dBm at 700Hz •Input: LINE INPUT (-20dBm), phone jack, MIC INPUT (-50dBm): phone jack •Input imp.: LINE INPUT (33kΩ), MIC INPUT (1kΩ) •Output: AUX OUT (-20dBm): phone jack •Harmonic distortion: 0.1% (1kHz, 100W) •S/N ratio: 80dB (IHF-A) •Power/watt: 100VAC: 50/60Hz: 65W, 120VAC: 60Hz: 90W, 220VAC: 50Hz: 185VA, 240VAC: 50Hz •Power cord length: 2.3m •Physical dimensions: 350(W) x 180(H) x 211(D)mm •Weight: 7.6kg



SPA303

The tweeter for system grade up of the well received Model SPA11. It is a professional use public address speaker system containing two high efficiency tweeters and a 30 watt power amplifier. The enclosure is designed for easy stacking with Model SPA11.

SPECIFICATIONS

•Name: Powered tweeter system •Type: Internal amp horn tweeter •Speaker: Horn type tweeter (8Ω) x 2 •Reproduce frequency: 6,000-18,000Hz •Max. sound pressure level: 109dB/-30dBm at 12kHz •Input: -30dBm: phone jack •Input imp.: 3.3kΩ •Output: AUX OUT (-30dBm): phone jack •Harmonic distortion: 0.1% (10kHz, 25W) •S/N ratio: 90dB (IHF-A) •Power/watt: 100VAC: 50/60Hz: 30W, 120VAC: 60Hz: 30W, 220VAC: 50Hz: 115VA, 240VAC: 50Hz •Power cord length: 2.3m •Physical dimensions: 280(W) x 130(H) x 205.5(D)mm •Weight: 3.8kg



SPA707

Block diagram

SPA 707 Boost curve

- ① Woofer phase selector
- ② Power on LED
- ③ AC outlet (100/120V specifications only)
- ④ Fuse
- ⑤ AC power cord

SPA303

Block diagram

Frequency response

- ⑥ AUX jack (OUTPUT)
- ⑦ HPS jack (OUTPUT)
- ⑧ HIGH LEVEL jack (INPUT)
- ⑨ LOW LEVEL jack (INPUT)
- ⑩ Boost switch
- ⑪ Sound volume control

SPA11

Block diagram

Frequency response

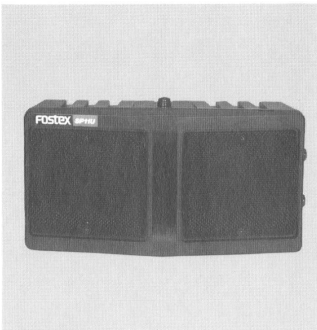
- ⑫ Power on LED
- ⑬ Power switch
- ⑭ Fuse
- ⑮ AC outlet (100/120V specifications only)
- ⑯ MIC INPUT jack
- ⑰ LINE INPUT jack
- ⑱ Sound volume knob
- ⑲ AC jack (OUTPUT)

- ① AC outlet (100/120V specifications only)
- ② AC power cord
- ③ Power switch
- ④ Power on LED
- ⑤ OUTPUT jack
- ⑥ INPUT jack
- ⑦ Sound volume knob

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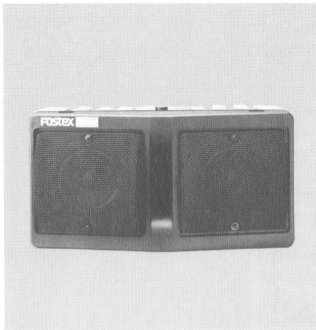


SP11U

Inheriting the performance of the already widely used SP11mkl, this speaker system has been developed as an exclusive outdoor rainproof type. The waterproofed unit possesses all features demanded in a rainproof type and it is possible to obtain clear sound in the rain.

SPECIFICATIONS

- Speaker unit: 10cm full range x 2
- Impedance: 8Ω
- Reproduce frequency range: 150 - 18,000Hz
- Output sound pressure level: 92dB/W (1m)
- Input: Rated - 100W, Max. - 200W
- Enclosure type: Closed
- Physical dimensions: 350(W) x 180(H) x 211(D)mm
- Weight: 4.9kg (With speaker cord)
- Enclosure color: Black

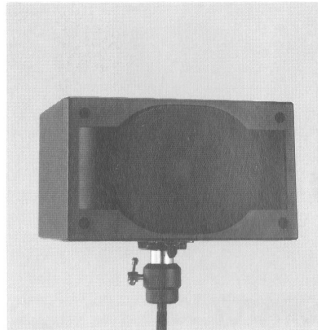


SP11mkl

Designed for extended applications and higher reliability. The SP11 acclaimed by many as a convenient to use and a multi-use mini-speaker system, has been further refined. It can be stack mounted vertically and horizontally and many more accessories are added to extend applications and increase reliability.

SPECIFICATIONS

- Speaker unit: Two 10cm full range
- Impedance: 8Ω
- Reproduce frequency range: 60 - 18,000Hz
- Output sound pressure level: 112dB/1W (1m)
- Maximum output sound pressure level: 114dB/100W program
- Rated input: 100W RMS
- Maximum input: 200W program
- Tone selector: MUSIC SPEECH
- Enclosure type: Vented box type
- Enclosure material: Special reinforced synthetic resin
- Physical dimensions: 350(W) x 180(H) x 211(D)mm
- Weight: 5.5kg
- Input connectors: Two 1/4" standard phone jacks, push type 2P terminal



SP8

A commercial use mini-speaker system developed for high quality reproducing of music and speech. It contains one high reliability 10cm full range unit which presents highly intelligible and clear sounds, and it can withstand large inputs. It is provided with a high reliability automatic reset protection circuit. (Without stand or bracket)

SPECIFICATIONS

- Impedance: 8Ω
- Reproduce frequency range: 75 - 20,000Hz
- Output sound pressure level: 90dB/W (1m)
- Rated input: 60W
- Maximum input: 120W (Music)
- Speaker unit: 10cm heavy duty full range
- Enclosure type: Vented box type
- Enclosure material: Fortified synthetic resin
- Color: Black
- Physical dimensions: 224(W) x 130(H) x 145(D)mm
- Weight: 2.1kg
- Input jacks: 1/4" standard phone jack x 1, Push type 2P terminal x 1, Cannon type 3P male connector



The T-series professional headphone is the most popular Fostex headset. Small wonder considering its performance, comfort and price. Incorporating the patented RP (Regular Phase) System, which insures very low distortion, high output and long term reliability, the T-series professional headphone is the preferred choice of many studio musicians. Drummers love them because of their clean, high output. The fully adjustable headband system assure comfort, even after hours of continued use. All parts and assemblies are secured by screws, assuring a long and useful life of easy maintenance. Join the growing number of broadcast and recording professionals who demand the comfort and performance of the Fostex T-series professional headphone.



T10

- It presents good transient characteristics due to employment of a light weight sound unit.
- Of semi-open type, it has excellent sound image positioning and you can experience full spread sound. Also, a well balanced sound from low input to large input are equally heard without any distortion.
- The lows are dynamic and highs are delicate and natural.

SPECIFICATIONS

- [Headphone] •Type: Semi-open RP dynamic
- Reproduce freq: 20 - 25,000Hz
- Impedance: 500Ω
- Sensitivity: 91dB/mV
- Rated input: 10mW
- Maximum input: 200mW
- Maximum sound pressure level: 114dB
- Weight: 270g
- Length (cord): 2.8m

ACCESSORIES

P85 Bracket
•For SP8

P63 Vertical joint
•For joining two speakers in vertical stacking.

P64 Horizontal joint
•For joining two speakers in horizontal stacking.

P86 Stand adaptor
•For SP8

P58 Stand adaptor
•Used for stack mounting (vertical and horizontal) speaker systems SP11U, SPA11, SP11mkl, etc. on top of SF202.

SF202 Stand
•For mounting one SP21 or SP15.
•For stack mounting (horizontal or vertical) two SP11mkl, or SP11U (used together with P58).
•For stack mounting (horizontal or vertical) two SPA11 (used together with P58).

SF152 Stand
•For mounting one SP15.
•For mounting one SP11mkl, SPA11 or SP11U.
•For horizontal stacking of two SP11mkl, or SP11U.

P61 Horizontal bracket
•For mounting the speaker horizontally on the ceiling, vertically on the wall, or lay flat on the floor.

P62 Arm
•For wall mounting (Universal type setting possible in combination with P60 and P61).

P60 Vertical bracket
•For mounting the speaker vertically on the ceiling or horizontally on the wall.

P53 Hanger
•For hanging on baton, pipe, etc. (Used on P60, P61)



T20RP

- The sound unit has been drastically reduced in weight. This results in superior transient characteristics.
- This is a semi-open type and the vocals, in particular, will be smoothly expressed with abundant feeling.
- Firm lows and delicate highs. A well balanced clear sound will be heard.

SPECIFICATIONS

- [Headphone] •Type: Semi-open RP dynamic
- Reproduce freq: 20 - 30,000Hz
- Impedance: 500Ω
- Sensitivity: 96dB/mV
- Rated input: 10mW
- Maximum input: 200mW
- Maximum sound pressure level: 119dB
- Weight: 340g
- Length (cord): 3.0m



T40RP

- The "enclosed type" heretofore considered impossible by a printed ribbon system is realized by applying an optimum amount of load at front and rear of the sound unit. Superior transient characteristic is obtained.
- Proper amount of side pressure is applied on the ear pads which allow comfortable listening for long hours. Also, its effective confinement of sound prevents feedback into the microphone at recording sessions.

SPECIFICATIONS

- [Headphone] •Type: Enclosed RP dynamic
- Reproduce freq: 25 - 20,000Hz
- Impedance: 500Ω
- Sensitivity: 93dB/mV
- Rated input: 10mW
- Maximum input: 200mW
- Maximum sound pressure level: 116dB
- Weight: 350g
- Length (cord): 3.0m



T45RP

- A comfortable ear pad (doughnut shape dummy) is standard. There is no sensation of awkwardness often felt with such one ear type phones.
- The M140 microphone is standard on this head set. Sound is picked up with good clarity without being bothered by ambient noise due to its superior directional pattern.

SPECIFICATIONS

- [Headphone] •Type: Enclosed RP dynamic
- Reproduce freq: 25 - 20,000Hz
- Impedance: 500Ω
- Sensitivity: 93dB/mV
- Rated input: 10mW
- Maximum input: 200mW
- Maximum sound pressure level: 116dB

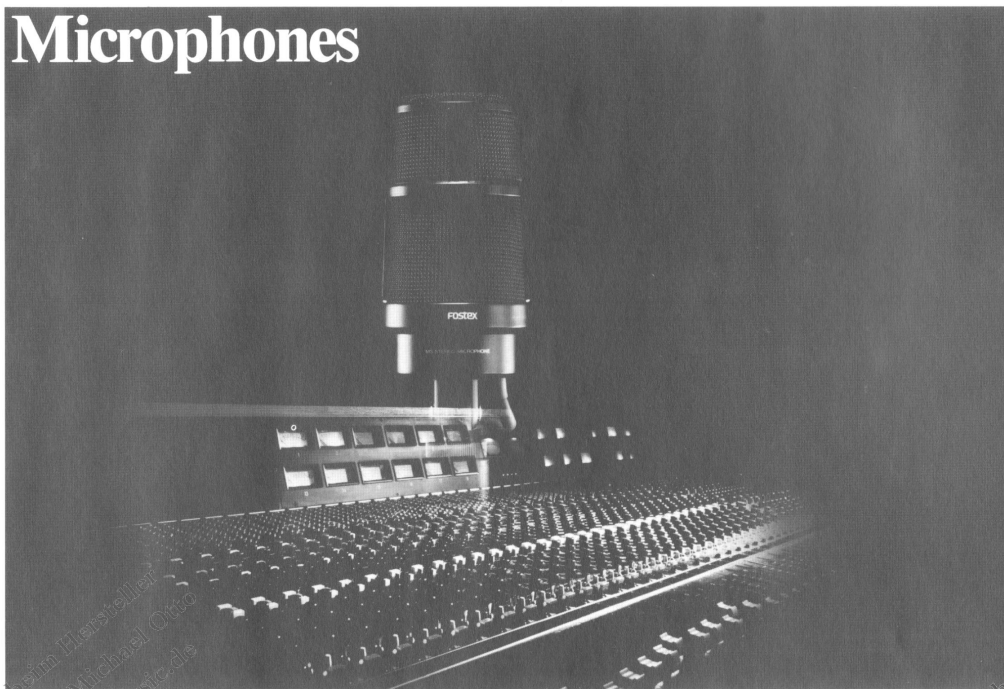
M140

- High performance head set microphone for attaching to the T20RP and T40RP head sets. It can be simply installed with only a screwdriver.

SPECIFICATIONS

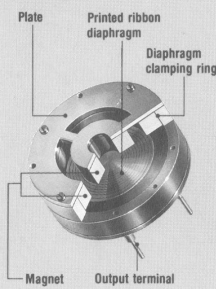
- [Microphone] •Type: Moving coil
- Frequency response: 90 - 12,000Hz
- Impedance: 600Ω
- Sensitivity: -63dB (0dB=1V/Pa)
- Directional pattern: Hyper cardioid
- Weight: 330g/60g (Connector Box)
- Length: 3.0m * (0.8m)
- *Length from the headphone main unit to the connector box.

Microphones



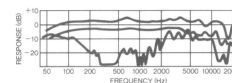
Construction of the regulated phase microphone

The representative dynamic type microphone—the ribbon microphone used throughout the years—has a tone indispensable in the sound pickup technique of today. However, the present situation is that most manufacturers do not make them any more as it requires a skillful artists touch in some steps of manufacture. Since the situation was as such, Fostex utilized the printed ribbon system—a diaphragm printed with a conductor—in practical use in speakers and headphones, to produce a new microphone matching in performance to the ribbon type for the first time in the world for professional applications.



M11RP

- Professional unidirectional type designed for announcing and speech.
- Wide range of application in broadcasting, recording studios and auditoriums.
- The double suspension method prevents pickup of mechanical noise.
- Sound quality switchable in 3 steps (0, 1, 2).
- Also suitable for percussions and oriental musical instruments.

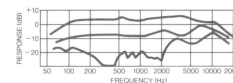


SPECIFICATIONS
 •Impedance: 600Ω •Sensitivity: -51dB, 2.8mV/Pa (0dB = 1V/Pa) •Frequency response: 40-18,000Hz •Dimensions: 67 x 63 x 179mm (W, D, H) •Weight: 580g

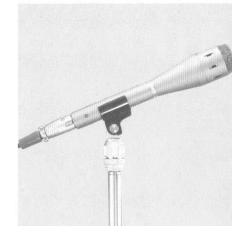


M22RP

- The only one in the world of the dynamic type M-S system stereo microphone.
- Most suitable for outdoor stereo sound pickup for television and radio as it needs no power supply.
- Provided with a hand holding grip for outdoor sound pickup. Also has a wind screen.
- The double suspension method prevents pickup of mechanical noise.

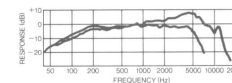


SPECIFICATIONS
 •Impedance: 600Ω •Sensitivity: -51dB, 2.8mV/Pa (0dB = 1V/Pa) •Frequency response: 40-13,000Hz •Dimensions: 67 x 245mm •Weight: 730g (Developed by assistance from NHK Technical Laboratory)

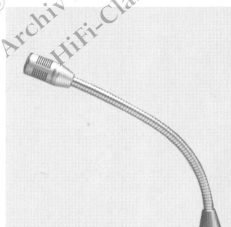


M33RP

- A triple waterproofed rainproof microphone for outdoor use with the frequency response designed for interviews and speeches.
- Its light weight allows long hour use without fatigue.
- It has a triple layer windscreen.



SPECIFICATIONS
 •Impedance: 600Ω •Sensitivity: -52dB (0dB = 1V/Pa) •Frequency response: 40-15,000Hz •Directivity: Non-directional •Physical dimensions: 638 x 200mm •Weight: 220g



M115

SPECIFICATIONS
 •Frequency Response: 90-12,000Hz
 •Impedance: 600Ω •Sensitivity: -60dB (0dB = 1V/Pa) •Weight: 220g



M505

SPECIFICATIONS
 •Frequency Response: 50-15,000Hz
 •Impedance: 250Ω •Sensitivity: -56dB (0dB = 1V/Pa) •Weight: 300g



M801

SPECIFICATIONS
 •Frequency Response: 60-16,000Hz
 •Impedance: 250Ω •Sensitivity: -54dB (0dB = 1V/Pa) •Weight: 285g •Cord: 5m



M201

SPECIFICATIONS
 •Frequency Response: 120-16,000Hz
 •Impedance: 600Ω •Sensitivity: -56dB (0dB = 1V/Pa) •Weight: 190g •Cord: 65 x 3m



M301

SPECIFICATIONS
 •Frequency Response: 100-16,000Hz
 •Impedance: 600Ω •Sensitivity: -56dB (0dB = 1V/Pa) •Weight: 240g •Cord: 5m 65.5 x 500mm

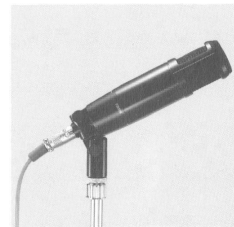


M501

SPECIFICATIONS
 •Frequency Response: 70-16,000Hz
 •Impedance: 600Ω •Sensitivity: -54dB (0dB = 1V/Pa) •Weight: 290g •Cord: 5m 65.0 x 211 x 103mm

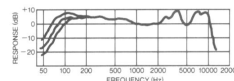
ACCESSORIES

- SF20C Exclusive stand for flexible shaft**
 •Cannon XLR-3-13, XLR-3-12C equivalent at mic cord end, height 51mm, weight 1.9kg.
- SF5 Height adjustable floor stand**
 •3/8" screw (with 5/8", 5/16" adaptor), height 880-1,590mm, weight 2.6kg, adaptable to all models.
- SF7 Boom stand**
 •3/8" screw (with 5/8", 5/16" adaptor), height 930-1,640mm, boom adjustable 70-695mm, weight 3.2kg, adaptable to all models.
- P116 Mic holder**
 •For M201, M301, M501, M801, M505
 •5/8" Screw (with 3/8", 5/16" adaptor)
- P202C Flexible shaft / XLR-3-11C XLR-3-12C**
- P301 Microphone cord**
 •Length 5m, 66.5 conductor, connector Cannon XLR-3-11C equivalent, standard plug, black.
- P400 Matrix box for M22RP microphone**

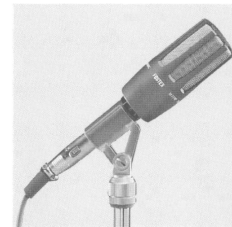


M44RP

- This microphone has voluminous lows and straightforward mid regions.
- Equalization can be matched to the musical instrument by the 3 step selector.
- Its anti-vibration design is suitable for musical instrument sound pickup.

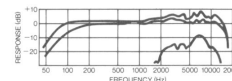


SPECIFICATIONS
 •Impedance: 250Ω •Sensitivity: -58dB (0dB = 1V/Pa) •Frequency response: 40-20,000Hz •Directivity: Uni-directional •Physical dimensions: 65 x 300mm •Weight: 580g

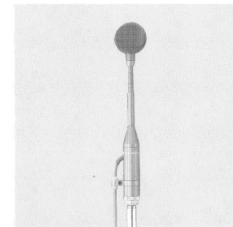


M77RP

- Professional unidirectional type for pickup of bass and bass drums.
- A straightforward sound attained by lowering resonance of the diaphragm and thus response extended to the lower region.
- The proper equalizer matching the musical instrument can be selected by a 3 step switch.
- Also suitable for strings such as a guitar.

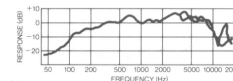


SPECIFICATIONS
 •Impedance: 250Ω •Sensitivity: -56dB, 1.6mV/Pa (0dB = 1V/Pa) •Frequency response: 40-18,000Hz •Switch: 3 step sound selecting •Dimensions: 645 x 172mm •Weight: 360g

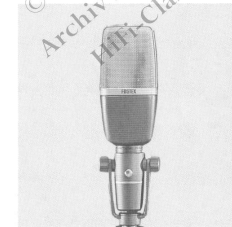


M86RP

- Small size flexible shaft type which will not distract attention during face to face interviews.
- Suitable for announcing, least tone differences from 0-180 degrees, and bi-directional.
- Outstanding features are prevention of effects from reflected sound and frequency response selected with consideration on closeup effects.

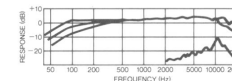


SPECIFICATIONS
 •Impedance: 600Ω •Sensitivity: 52dB (0dB = 1V/Pa) •Frequency response: 40-18,000Hz •Directivity: Bi-directional •Physical dimensions: 650 x 268 x 40mm •Weight: 475g



M88RP

- A professional bidirectional type for announcing and speech, designed for the first time in the world.
- A high degree of reliability proven through its widespread use in television and radio broadcasting.
- A superior directional pattern with almost identical sound quality between 0° and 180°, and very low pickup at 90°.
- Also high performance pickup of percussions and oriental music.



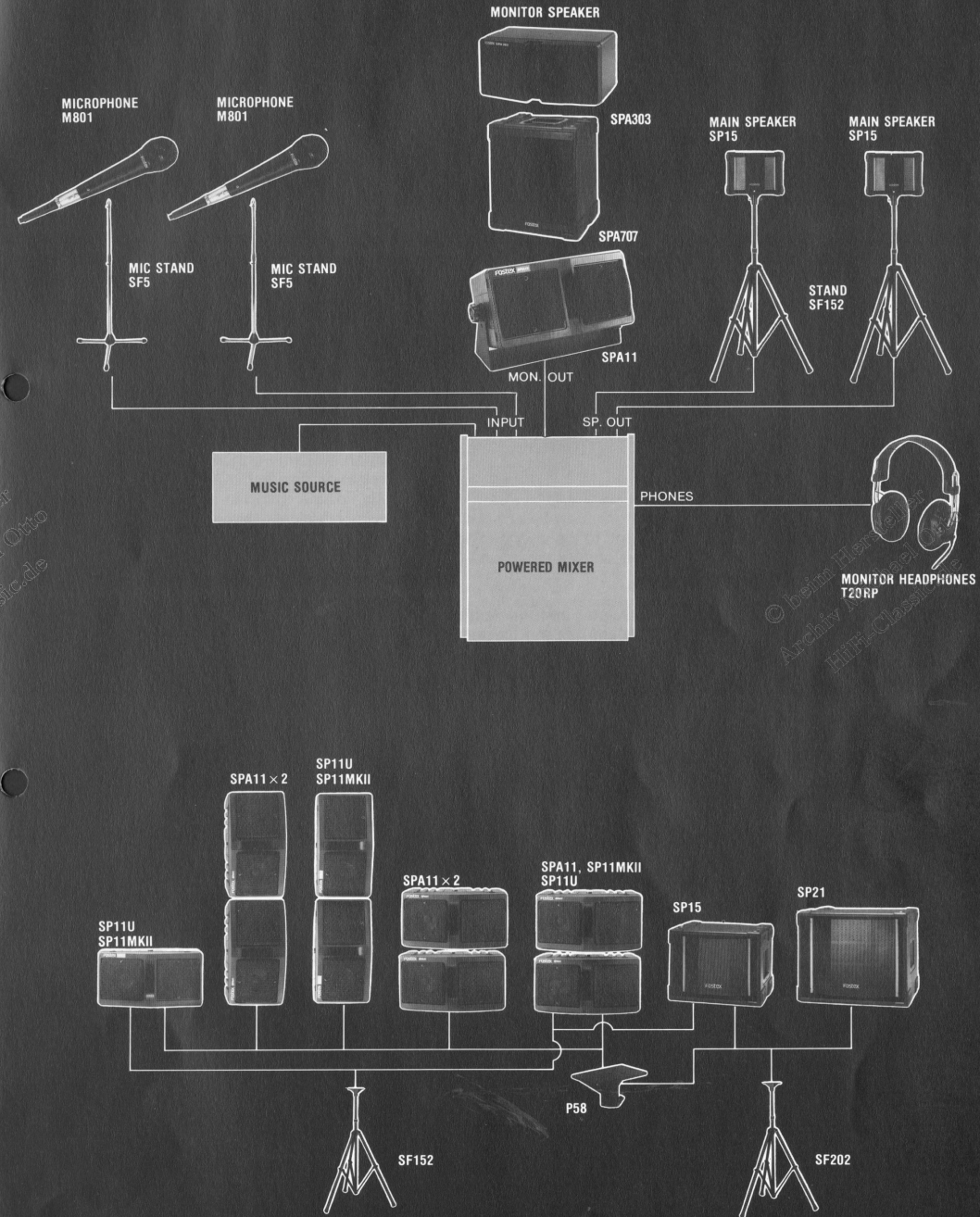
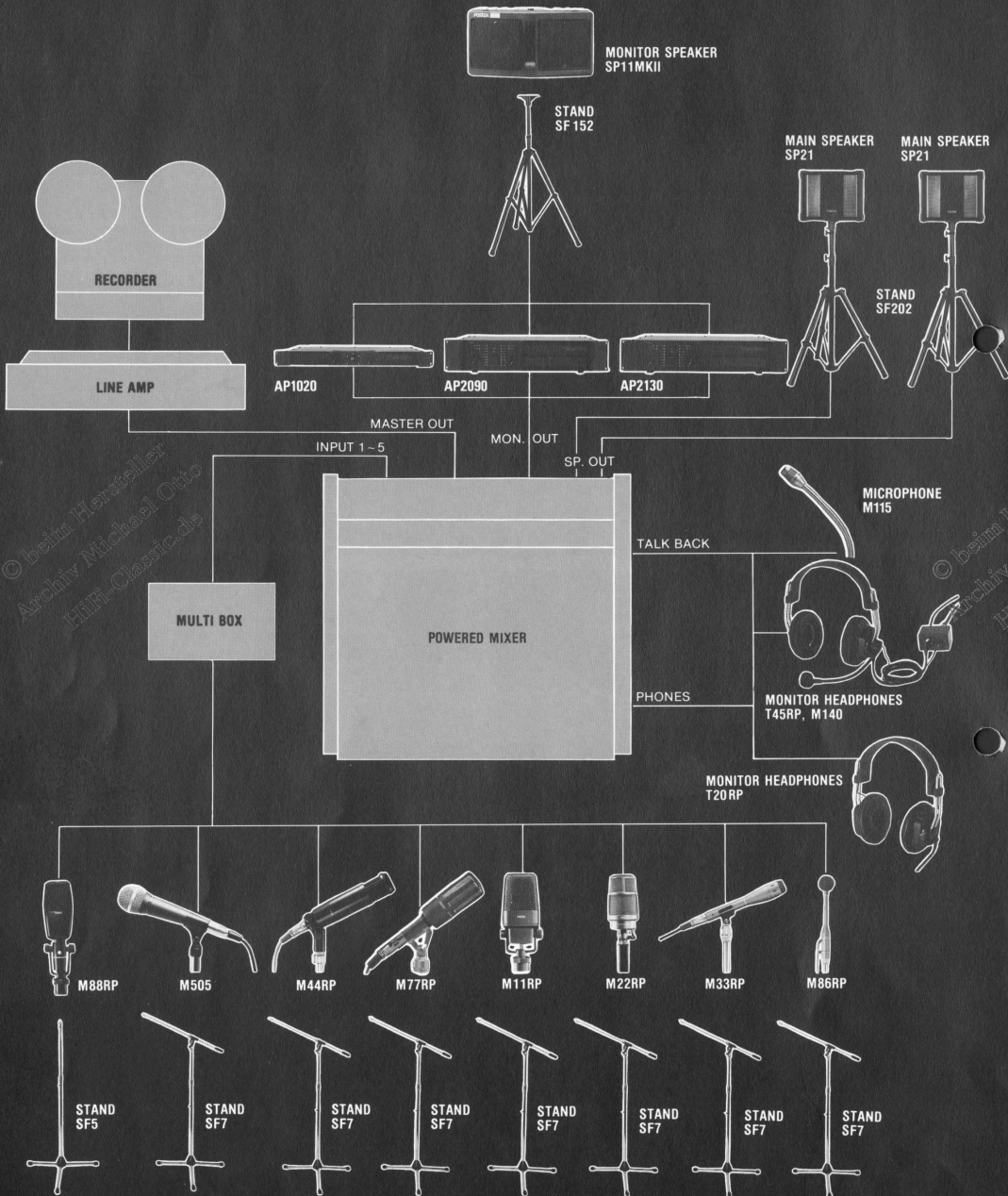
SPECIFICATIONS
 •Impedance: 600Ω •Sensitivity: -52dB, 2.5mV/Pa (0dB = 1V/Pa) •Frequency response: 40-16,000Hz •Switch: 3 step sound selecting •Dimensions: 52 x 46 x 136mm •Weight: 330g

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PRO SOUND DIVISION

FOSTEX CORPORATION 3-2-35, MUSASHINO, AKISHIMA, TOKYO, JAPAN 196 TELEPHONE:0425-45-6111 TELEX:2842 213 FOSTEX J FAX:0425-46-3198
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