

1986 DSP-1 ¥138,000-

[Kota]

The world of DSP started from here, don't you think? it is. It started from we would like to hear, the concert hall we would like to look at the sound of the stereo 2ch of CD. It does not build in the amplifier, it is the processor of the single unit.

[Ozeki]

"DSP-1" in a manner of speaking, was kind of something which is close to one for business. Yamaha going to place such as concert hall, or church had the data which measured the sound field. So, using that data, for example when applying CD,, it is the case that it made the kind of product where you can obtain the sound field effect and the kind of sound effect which you have heard there.

1987 DSP-3000 ¥280,000- DSP processor

1988 DSR-100PRO ¥69,800- Dolby professional logic decoder

DSP-100 ¥89,800- DSP processor

1989 DSP-105AST ¥99,800- 5ch amplifier built-in DSP processor

DSP-107AST ¥139,800- 7ch amplifier built-in DSP AV center

1990 AVX-2000DSP ¥198,000- 7ch CINEMA-DSP AV center one machine



[Kota]

This time, already there was ドルビーサラウンド. The decoder of ドルビーサラウンド however it has come out it is even with other companies, to that voiced the サラウンド impression above the usual format with

DSP, was the merit of AVX-2000DSP, it is. Don't you think? this sale is 90 years end of year.

It became the power amplifier as one unit, DSP-105 and DSP-107 being before this, with this AVX-2000DSP, the amplifier and 7ch minute placing, image including, it is the case that it tries to be able to control all changes at one. If this it completes at one unit, is this AVX-2000DSP.

[Ozeki]

Inserting the sound field Sousei technology after DSP-1, and the decoder of ドルビーサラウンドプロロジック system, don't you think? the fact that it carries out fusion is AVX-2000DSP.

It is not the case that you have aimed toward the movie to that and when if anything, the ㇏, aiming toward sound and the sound field which designate music as the target, however hurting, it does, DSP for the generally known movie entered from here.

To tell the truth it was not the case that the development of AVX-2000DSP, it advanced easily. When you mention birth anecdote, it is exaggerated, but... I just joined still, the time was, however it is with, the ㇏ it is with you see we would like to see from side it is feeling...

Technology everything you inserted AVX-2000DSP, to that and densely it is it was the model which is. Because is, price becoming very high as that time, they were 198,000 Yen. Because model "DSP-107" before this was 139,800 Yen, it is the case that at once it rises to nearly 20 ten thousand at once.

When developing the model, it decides that with such concept, in such way, with such efficiency, with it puts out the fact that you say entirely, makes such, there is a development decisive meeting. At the meeting, at the beginning as for AVX-2000DSP "it cannot sell any such a things," "someone buying bore any such a high things", that it is said it is.

With the AV amplifier of one somatotype, サラウンド being possible, DSP having entered, with 20 ten thousand Yen still there was no model which was said, it is, at that time.

Because is, perhaps, "it is certainly enormous, but it cannot sell, it is it isn't?" "With. Go-ahead did not come out easily. But, "well, as for this it can sell the person who arranges this development it is! "With doing strong declaration of intention, finally GO depended on development, somehow through development decisive meeting, it is.

That time, technical side "perhaps, it cannot certainly sell..." with breaking, when the model of stage before the that (processor type) only version rise you did, as for this model it was not born, don't you think? it is.

[Kota]

When as for DSP-100 of inexpensive edition of the model before this with just the DSP processor, we would like to use ドルビーサラウンド, was separately the Dolby processor necessary, it is. In addition, to sounding the speaker, at that time the amplifier ㇏ of 7ch being something which is applied, because it does, it adds the amplifier of 4ch and the amplifier of 3ch, (laughing) with. So, furthermore the pre-amp which CD or the tape is changed necessity, with. Unless 5 to stack the leprosy equipment and material which is attached, it could not go, (laughing).

In the beginning when it enters into the company, with half play, the superior putting the product of DSP before the eye in a row, "you, this try connecting" to

about our technician three the つて being said. While thinking with utmost effort, it connected, it is. When so, it has seeing afterwards, "it is different", the つて (laughing).

Therefore the reason which bends and has entered into also the appearance with science, the product of your own place the つて which could not be connected as for the fact that you say... (laughing). Because that there is no one person is, don't you think?, about three people applying hugely, it was useless, it is with (laughing). If your general customer, all the more is not something which can be connected, it is probably will be, that.

Looking at the change of the model, the て, as main person of the technician, after all as for セパレート compared to with one body we would like to complete at one, because the one which becomes as one unit as by his wants, is more grateful, after all it becomes so, it is the kana which is not, with thinking, it increased.

[Ozeki]

The AV amplifier met as another flow it is, don't you think?. It was the kind of shape which is close to the generally known selector however it is, also video is changed and, also image is changed. Kind of those where so, simple サラウンド is possible, met, it is, don't you think?.

When so, the following model is made, we would like to make those which rise from the thing and that side which rise from this side simultaneous, that you thought.

The image of "the thing which by his wants". Two those which are separately, with this there is no reason which wants this and the て, we want the person who has become one, it is, that you say.

Although to having technology here, it has already come to here, there being the thinking, why will not make one, that somehow bearing fruit this model, is AVX-2000DSP.

	AVX-1050	¥128,000-	5ch CINEMA-DSP AV center
1991	AVC-3000DSP	¥350,000-	CINEMA-DSP AV pre-amp
	AVM-3000	¥300,000-	7ch power amplifier



[Kota]

AVC-3000DSP is only the pre-amp. As for the face however almost it is simultaneous. Don't you think? with AVM-3000 of the power amplifier it is set.

This time, still almost there was no amplifier where digital input is equipped. But don't you think? digital input is the equipment red sandal wood in all input. It was epoch-making as that time.

[Ozeki]

So, digital input was acquired, but it is don't you think? at that time the っ て which does not have the fact that it connects so what you say is the true place, (laughing).

AVC-3000DSP and AVM-3000, together they are 65 ten thousand Yen. When this the beginning when it makes, it adjusts, you can buy the automobile lightly, the っ て (laughing).

As for the AV amplifier when one model it develops, however it is the case that in addition to the country it sells in the entire world, this model was domestic exclusive use, don't you think? it is. That when you say, why, with the notion that where from the foreign country "such a high ones it did not enter", it could not have selling, it is, don't you think? (laughing). Because it is something where is sale only of the country number did not appear so, it is the kana which is not.

Because so, this (AVC-3000DSP) it was, following AVX-2200DSP was possible, it is. The know-how which was stacked with digital processing and this model which were done with this model, is connected to the following model AVX-2200DSP.

AVX-2000DSP and AVC-3000DSP are different extremely, it is, don't you think?. The throughput of DSP being incommensurable, also constitution of processing block of the data has changed rather.

As for AVC-3000DSP in completely another design, various function is added, it is. The function and the like which such newly is added, was taken over to AVX-2200DSP, don't you think? it is.



Catalog of that time



[Ozeki]

From AVX-2000, 2 ten thousand it became Yen high with the model change to AVX-2200DSP, it is. 20 ten thousand exceeding ちゃっ it is. Therefore 2000 20 ten thousand Yen. Because it became 2200, 22 ten thousand Yen (laughing). That is joke, but.

It could sell AVX-2000DSP, it is. It could sell it is, but when furthermore 2 ten thousand Yen it marks up, "such a ones you make buy?" that the story oven which says it is being, don't you think? (laughing).

That time, does a certain one the designer one by one the finger very "as for you think that it can sell? "" Do you think that it can sell? ? "The っ てる being said, (laughing).

So AVX-2000DSP sells sufficiently to do, "you think that it can sell," self-confidence having with っ てる everyone, when you said, OK it did to final, it is.

Separately from the reputation of the world, well enough, as for being held anxiety inside the company it was many. So, the technician is having self-confidence well enough.

[Kota]

This time, as for circumstances being good to comparing price, perhaps the high-class model of the laser disk player of the pioneer. You think that it was the price about the of certain same, it is.

AVX-2200DSP met the throughput of DSP about 3 times that of the model before, don't you think? it is. Only 2 ten thousand Yen it rises to those of 3 times entering. So, at that time there being a high-class model about of 20 ten thousand Yen of pioneer, it is the model change red sandal wood in the same time.

Don't you think? that time it is increasing to about 25 ten thousand Yen it is. So, reputation was not bad. At that time, you looked at the movie in the clean picture, it was if, only bought the laser disk. Furthermore so, this (AVX-2200DSP) as for the customer who is bought, generally similar the customer probably will be many, that. If in the laser disk 25 ten thousand Yen the customer who is put out, 22 ten thousand Yen it puts out to AV center, whether it is it is not, that (laughing).



Catalog of that time

1995 **DSP-A3090** ¥248,000- **Dolby digital built-in 7ch
CINEMA-DSP AV center**



[Ozeki]

To these times, input of analog was main, it is, but "the Dolby of 5.1ch it corresponded digitally" with DSP-A3090. Digital, new サラウンドフォーマット entered.

Don't you think? this, it is end of year sale of 95 years. If that, so you say, this series end of year sale we would like to see by all means, is, (laughing). We would like to put out more quickly, is usual demand from business, however it is, with circumstances of the design, becoming by any means the "New Year's present," the stripe bearing, the shank (laughing). Persevering, persevering, way somehow it can produce within year,! With, the cancer the て, finally December (laughing).

Item turn being standardized by DSP from this model, don't you think? the る it is. To tell the truth, AVX-2000DSP for the foreign country was the item turn which starts from DSP, it is. Just domestic item turn hurting the AVX つ て separately, however it does, either it probably will not be good, to divide, don't you think? with the つ lever it is the standardized red sandal wood.



Catalog of that time

1997 **DSP-A1** ¥280,000- **Dolby digital /DTS built-in 7ch
CINEMA-DSP AV center**



[Ozeki]

It corresponds to the format "of DTS" from DSP-A1, it is. The flag ship of the AV amplifier inside, when you mention mission, however it is exaggerated, corresponds by all means first vis-a-vis the new

format, it is. In a state where it is not any which cannot be played back with the format which is in that times, with.

The format of サラウンド starting from professional logic, Dolby digital coming appearing, DTS coming coming out, in inside "the cinema DSP" つ て making the program which applies the sound field which is said with that as a base, the る it is, there being a concept that, but it probably will make to the format correspond which becomes the base by all means entirely.

So, the time where this DSP-A1 comes out, the machine which corresponds to

DTS still completely was not in Japan, it is. Processor type coming out of the overseas manufacturer, the extent which does not appear high.

Because it was the circumstance that the DTS っ て the standard itself which is said, whether or not truly you do not understand whether or not it spreads as a one for national welfare, the time where the development of DSP-A1 is begun, the DTS っ て it makes the format correspond which is said, it was well enough difficult selection, don't you think? it is. If it makes correspond, because cost rises naturally.

Because Dolby with measure, is the generally known leading manufacturer of the format of サラウンド as an enterprise, if the format whose Dolby is new be sure to make correspond and the oral や, with the recognition which is said met, however it is, the DTS っ て as for the manufacturer which is said, in the national welfare machine still degree of distinction was low. As the one for theater, because it is the company whose still history is shallow, having the necessity to correspond as expected? With.

[Kota]

The logograph of DTS of DSP-A1 has become "DTS" with letter, however it is, the logograph of DTS which now is seen normally is this reversal type don't you think?. To tell the truth these times, DTS the license the bean jam ball it has not put out outside, it seems the < , there was no logographic mark which is done accurately, it is.

So, "which logograph should have been inserted in DTS, it is? When "っ て story is done," well, the DTS っ て entering, ね time it is and "would like to see (laughing). As for the description which stipulates logograph it not to be in the document of the license, because the て, there is no ginger, taking those which have been recorded the catalog with the scanner, don't you think?. Just that letter you inserted ポツ, don't you think? it is.

When having seeing in DTS, once as the product (at this point in time formal logograph is distributed is, but)"this time however it is possible to be this, changing into the logograph which is done properly from the next, don't you think?", the っ て being said.

It is the case that it has the logograph of DTS which just the product of these age inside used. Because later, other companies including, has become all formal logograph, (laughing).

[Ozeki]

Conversely, about the DTS ㄗ as for the fact that you say the times when it does not have degree of acknowledgment. Because the other manufacturer DTS it did not reach to the place where it keeps adopting for the national welfare machine so, the company, DTS such preparation was not done, don't you think? it is.

Because now, as for the DVD player who does not have the logograph of DTS it is the extent which is not sold, don't you think? truly oh with while saying, it is the spread red sandal wood.



Catalog of that time

1999 DSP-AX1 ¥350,000-



[Ozeki]

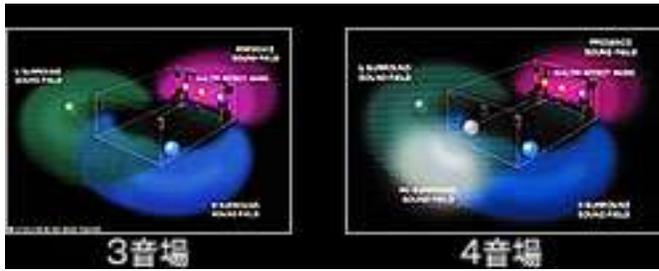
With DSP-AX1 it became 6.1ch, it is. So, also method of making the sound of cinema DSP changed largely, it is.

There is a kind of picture which writes the cloud here. With 5.1ch, it makes, three sound fields "of the presence sound field" before, the "left サラウンド sound field" and the "right サラウンド sound field" it is, but furthermore one more, it makes another sound field space the "リアセンターサラウンド sound field" in rear by becoming 6.1ch, has become four sound fields. Calling "4 sound field processing", however it increases.

Because method of making the sound field which becomes the basis, it changes largely, it recreated also the sound making of cinema DSP entirely from one, don't you think? it is.



Catalog of that time



2001 **DSP-AZ1** **¥300,000-**

Please read main part slowly.



Catalog
