## MANAGEMENT'S DISCUSSION AND ANALYSIS

## OVERVIEW

| Net Sales |
| :--- |
|  (Millions of yen)  <br> 2009 $\mathbf{2 0 1 0}$ Change $(\%)$ <br> $¥ 56,953$ $\mathbf{7 2 9 , 1 8 1}$ $(48.8)$ |

Sales fell sharply in all business segments, primarily reflecting the continuation of a business environment marked by waning capital investment sentiment.

| Operating (Loss) | Income | (Millions of yen) |
| :--- | :---: | :---: |
| 2009 | $\mathbf{2 0 1 0}$ | Change $(\%)$ |
| $¥ 8,545$ | $¥(3,985)$ | - |

The Company recorded an operating loss due to lower sales across all business segments.

Net (Loss) Income
(Millions of yen)

| 2009 | $\mathbf{2 0 1 0}$ | Change (\%) |
| :---: | :---: | :---: |
| $¥ 4,338$ | $¥(8,555)$ | - |

Lower sales in core businesses, coupled with the posting of a loss on impairment of property, plant and equipment and the cancellation of posting of deferred tax assets, were major factors culminating in a substantial net loss for the term.
Cash Dividend per Share

| 2009 | $\mathbf{2 0 1 0}$ | Change (Yen) |
| :---: | :---: | :---: |
| $¥ 45$ | $¥ \mathbf{2 2}$ | $¥(23)$ |

Due to the net loss, the cash dividend applicable to the year declined $¥ 23$ year on year, to $¥ 22$.

Total Assets
1otal Assets

|  | (Millions of yen) |  |
| :---: | :---: | :---: |
| 2009 | $\mathbf{2 0 1 0}$ | Change $(\%)$ |
| $¥ 64,205$ | $¥ \mathbf{5 0 , 6 8 1}$ | $(21.1)$ |

Total assets were lower, largely from inventory reductions due to production cutbacks.
Free Cash Flows

| 2009 | $\mathbf{2 0 1 0}$ | (Millions of yen) |
| :---: | :---: | :---: |
| $¥ 4,838$ | $¥ 3,575$ | $(26.1)$ |

The extent of the year-on-year decline was contained thanks to inventory reductions and efforts to curb capital investments.

Free cash flows $=$ Operating cash flows + Investing cash flows

## Capital Expenditures

(Millions of yen)

| 2009 | $\mathbf{2 0 1 0}$ | Change (\%) |
| :---: | :---: | :---: |
| $¥ 3,056$ | $\mathbf{¥ 1 , 5 8 6}$ | $(48.1)$ |

As in the previous term, capital expenditure declined, with the exception of expenditures in the Components segment.
Sales by Region

|  | 2009 |  | (Millions of yen) |
| :--- | ---: | ---: | :---: |
| Europe | $¥ 19,056$ | $\mathbf{7 0 , 3 5 7}$ | Change $(\%)$ |
| North America | 11,222 | $\mathbf{6 , 0 5 4}$ | $(46.4)$ |
| Asia | 18,064 | $\mathbf{1 0 , 3 3 3}$ | $(42.8)$ |
| Japan | 8,611 | $\mathbf{5 , 4 3 7}$ | $(36.9)$ |

Sales declined in all regions despite signs of economic recovery in certain regions, namely China and other parts of Asia, and South America.

## INCOME ANALYSIS

- Operating losses reported on sharp sales declines in core businesses.


■ Operating (Loss) Income
-o- Operating Income Ratio*

* The operating income ratio was not calculated for fiscal 2010 because an operating loss was incurred.

For fiscal 2010, the fiscal year under review, Star Micronics reported consolidated sales of $¥ 29,181$ million (US $\$ 327,876$ thousand), down $48.8 \%$, or $¥ 27,772$ million, year on year. This outcome reflected severe sales declines in the Components, Machine Tools, Special Products and Precision Products segments largely stemming from an operating environment still marred by diminished capital investment among clients. The cost of sales fell $¥ 11,209$ million, or $33.4 \%$, to $¥ 22,326$ million (US $\$ 250,854$ thousand). As a result, gross profit decreased $¥ 16,563$ million, or $70.7 \%$, year on year to $¥ 6,855$ million (US\$77,022 thousand). The gross profit margin declined 17.6 percentage points to $23.5 \%$. This was due primarily to the high-margin Machine Tools Segment accounting for an 11.2 percentage point lower share of total sales, at 39.3\%, a major decrease in sales of receivers and speakers in the Components Segment, and a similar decrease in sales of POS printers in the Special Products Segment.

Selling, general and administrative (SG\&A) expenses decreased $¥ 4,033$ million year on year, or $27.1 \%$, to $¥ 10,840$ million (US $\$ 121,797$ thousand). This decrease owed mainly to lower transportation and packaging costs, and a decline in direct costs, such as advertising and promotional costs, sales commissions, and other items that fell in line with decreased sales.

As a result of the above, the Company recorded an operating loss for the term of $¥ 3,985$ million (US $\$ 44,775$ thousand).

## - Other expenses booked due to the impact of a loss on impairment of long-lived assets and other loss items.

Other expenses-net widened to $¥ 2,665$ million (US\$29,944 thousand) compared to other expenses-net of $¥ 984$ million in the previous fiscal year. This mostly reflected the fact that interest and dividend income decreased $58.0 \%$ year on year, or $¥ 313$ million, to $¥ 227$ million (US\$2,551 thousand), as well as a loss on impairment of long-lived assets of $¥ 2,308$ million (US $\$ 25,933$ thousand), and special severance payments for early retired employees of $¥ 371$ million (US $\$ 4,169$ thousand). The foreign exchange loss-net deteriorated by $¥ 176$ million, or $109.3 \%$, to $¥ 337$ million (US $\$ 3,786$ thousand).

As a result, the Company recorded a loss before income taxes and minority interests of $¥ 6,650$ million (US $\$ 74,719$ thousand). Total income taxes were $¥ 1,800$ million (US $\$ 20,225$ thousand). The net loss after deducting minority interests was $¥ 8,555$ million (US\$96,124 thousand).

The basic net loss per share was $¥ 187.95$ (US\$2.11).


■ Basic Net (Loss) Income
Diluted Net Income

## - Regarding shareholder returns, our medium-term target is a total shareholder return ratio of $40 \%$; dividend on equity (DOE) will be considered in future dividend decisions.



Star Micronics has decided to lower the annual dividend for the year under review by $¥ 23$ to $¥ 22$ (US $\$ 0.25$ ) per share. Total dividends decreased $¥ 1,313$ million, or $56.7 \%$, to $¥ 1,001$ million (US $\$ 11,247$ thousand). For fiscal 2011, the Company plans to pay the same annual dividend of $¥ 22$ per share.

Regarding future dividends, the Company, in emphasizing the return of profits to shareholders, is aiming for a total shareholder return ratio of $40 \%$. Dividend on equity (DOE) will also be considered in setting future dividends. Planned uses for internal reserves will include investment in future growth areas to achieve sustainable growth, with the goal of raising both corporate value and shareholder profits.

## FINANCIAL POSITION \& LIQUIDITY

- Inventory reductions due to production cutbacks resulted in lower total assets.


## TOTAL ASSETS



Total current assets as of February 28, 2010 were $¥ 34,346$ million (US $\$ 385,910$ thousand), a decrease of $¥ 10,416$ million, or $23.3 \%$, compared with the previous fiscal year-end. This decrease chiefly reflected a decline in inventories of $¥ 6,470$ million, or $41.8 \%$, to $¥ 9,020$ million (US\$101,348 thousand), as we strove to reduce inventories through production cutbacks, as well as a drop in short-term investments of $¥ 425$ million, or $29.8 \%$, to $¥ 1,002$ million (US\$11,258 thousand), and a decrease in trade notes and accounts receivable of $¥ 870$ million, or $9.0 \%$, to $¥ 8,847$ million (US\$99,405 thousand).

Net property, plant and equipment decreased $¥ 3,491$ million, or $23.0 \%$, to $¥ 11,678$ million (US $\$ 131,213$ thousand). This was mainly because machinery and equipment declined $¥ 3,226$ million, or $11.8 \%$, to $¥ 24,052$ million (US $\$ 270,247$ thousand), owing to impairment measures targeting production equipment. Total investments and other assets increased $¥ 383$ million, or $9.0 \%$, year on year to $¥ 4,657$ million (US\$52,326 thousand). This was due to an increase of $¥ 602$ million in deferred tax assets to $¥ 682$ million (US\$7,663 thousand).

As a result of the above, total assets decreased $¥ 13,524$ million, or $21.1 \%$, year on year to $¥ 50,681$ million (US\$569,449 thousand).

- Total liabilities declined due to decreased trade notes and accounts payable and accrued expenses as a result of lower sales.

On the other side of the balance sheet, current liabilities decreased $¥ 1,932$ million, or $18.0 \%$, to $¥ 8,828$ million (US $\$ 99,191$ thousand). This fall reflected a decrease in trade notes and accounts payable of $¥ 433$ million, or $13.3 \%$, to $¥ 2,816$ million (US $\$ 31,640$ thousand), as well as a decrease in accrued expenses of $¥ 1,191$ million, or $66.9 \%$, to $¥ 589$ million (US $\$ 6,618$ thousand) as a result of lower sales.

Total long-term liabilities increased $¥ 133$ million, or $29.0 \%$, to $¥ 592$ million (US\$6,651 thousand).

- In equity, retained earnings fell as a result of the net loss for the term.

- Equity
- ROE*
* ROE was not calculated for fiscal 2010 because a net loss was incurred.

Equity fell $¥ 11,722$ million, or $22.4 \%$, to $¥ 40,610$ million (US $\$ 456,292$ thousand). This was largely the result of a decline in retained earnings of $¥ 9,645$ million, or $26.6 \%$ year on year, due to the net loss of $¥ 8,555$ million (US $\$ 96,124$ thousand) posted for the term. Total equity including minority interests was $¥ 41,261$ million (US\$463,607 thousand). The equity ratio fell 1.4 percentage points to $80.1 \%$, while equity per share decreased $¥ 192.66$ to $¥ 921.55$ (US $\$ 10.35$ ).

## CASH FLOWS

- As in the previous term, net cash provided by operating activities exceeded net cash used in investing activities.

- Operating Cash Flows
- Investing Cash Flows

Net cash provided by operating activities decreased $¥ 1,383$ million to $¥ 4,769$ million (US\$53,584 thousand). This outcome was largely attributable to a loss before income taxes and minority interests of $¥ 6,650$ million (US\$74,719 thousand), reflecting substantially worsened operating results. The Company also recorded a loss on impairment of long-lived assets of $¥ 2,308$ million (US $\$ 25,933$ thousand). This was partially offset by net cash inflow of $¥ 7,139$ million (US $\$ 80,213$ thousand), up $¥ 6,464$ million from the previous fiscal year on changes in trade receivables, trade payables, and inventories.

Net cash used in investing activities was $¥ 1,194$ million (US\$13,416 thousand), a decrease of $¥ 120$ million year on year. While there were no redemptions of marketable securities as in the previous fiscal year, this chiefly reflected a decrease of $¥ 1,417$ million in cash used for purchases of property, plant and equipment to $¥ 1,664$ million (US\$18,697 thousand), due to efforts to curb capital investments, and a decline in purchases of investment securities of $¥ 1,220$ million to $¥ 5$ million (US\$56 thousand).

- Cash and cash equivalents declined slightly, reflecting lower dividends paid and other cash outflows under net cash used in financial activities.

Net cash used in financing activities was $¥ 3,977$ million (US $\$ 44,685$ thousand), an improvement of $¥ 5,100$ million from the previous fiscal year. This was mainly the result of a decrease of $¥ 2,024$ million in dividends paid to shareholders to $¥ 1,195$ million (US $\$ 13,427$ thousand), along with a decline of $¥ 5,078$ million in payments for purchase of treasury stock to $¥ 2,782$ million (US $\$ 31,258$ thousand).

As a result of the above, after foreign currency translation adjustments on cash and cash equivalents of $¥ 164$ million (US\$1,843 thousand), cash and cash equivalents as of February 28,2010 totaled $¥ 14,373$ million (US $\$ 161,494$ thousand), representing a slight net decrease of $¥ 238$ million year on year.

## CAPITAL EXPENDITURES AND R\&D EXPENSES

## - Capital expenditures declined year on year

| Special Products | Expenditures in the Special Products Segment fell $¥ 173$ million to $¥ 128$ million (US $\$ 1,438$ |
| :--- | :--- |
| thousand). In fiscal 2011 , the Company is budgeting expenditures in this segment in |  |
| the amount of $¥ 169$ million, mainly for dies for new models. |  |
| Components | Expenditures in the Components Segment rose $¥ 4$ million to $¥ 572$ million (US $\$ 6,427$ |
| thousand). In fiscal 2011 , the Company is budgeting expenditures in this segment in |  |
| the amount of $¥ 202$ million, mainly for dies for new models. |  |

Machine Tools In the Machine Tools Segment, expenditures fell $¥ 619$ million year on year to $¥ 465$ million (US\$5,225 thousand). In fiscal 2011, we anticipate that $¥ 594$ million will be spent on investments such as equipment for making new products, and other items.


#### Abstract

Precision Products In the Precision Products Segment, expenditures decreased by $¥ 503$ million year on year to $¥ 268$ million (US $\$ 3,011$ thousand). In fiscal 2011, we expect to spend $¥ 308$ million mainly on machinery and equipment to bolster production capacity. | Eliminations or Corporate | Capital investment in this segment for fiscal 2010 was $¥ 153$ million (US $\$ 1,719$ thousand) <br> down $¥ 179$ million year on year. In fiscal 2011, we plan to invest $¥ 185$ million for upgrad- <br> ing of information systems, and other items. |
| :--- | :--- |

Capital investment in this segment for fiscal 2010 was $¥ 153$ million (US\$1,719 thousand) ing of information systems, and other items.


Research and development (R\&D) expenses in fiscal 2010 were $¥ 1,950$ million (US $\$ 21,910$ thousand), a decrease of $¥ 105$ million from the previous year. This represented $6.7 \%$ of total sales. The R\&D framework for the whole Group comprises the Corporate Technology Department, which works to comprehensively raise the technology level of all Group companies, and the development departments in each business in charge of the product and technology development directly linked to current products. R\&D activities in each segment are as follows.
Capital expenditures in fiscal 2010 totaled $¥ 1,586$ million (US $\$ 17,820$ thousand). In fiscal 2011, the Company is forecasting capital expenditures of $¥ 1,458$ million. By segment, capital investment in fiscal 2010 and planned for fiscal 2011 is as follows. the amount of $¥ 202$ million, mainly for dies for new models.

## - R\&D expenses remained about on par with the previous year

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## Corporate Technology Department

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This department works to promote technology, mainly by carrying out actual research and technology development, conducting surveys and analysis of technologies and markets, and through quality engineering. The department is also responsible for quality control and patent operations, working to raise the technology level of the whole Company. Future plans call for strengthening partnerships with external companies and development activities aimed at creating new businesses.

## Special Products

Product development in this segment is aimed at developing highly competitive products that meet customers needs. The basis for this activity is development and design of products that contribute to lowering the environmental impact while retaining high quality and reliability. A recent achievement in this vein, the TSP100ECO is the first environmentally friendly thermal eco-printer to be developed for the point-of-sale (POS)

Components

## Machine Tools

market. Going forward, we will introduce and make use of new development methods and design tools to develop highly competitive new products.

New product development in this segment has focused mainly on enhancing the quality and functionality of audio device products, and on improving productivity and reducing costs. The segment has also undertaken product development to meet customers' desired specifications. We made use of our basic and analytic technologies for audio products to investigate the optimal way to use them, as well as carrying out surveys and basic research aimed at uncovering new needs

Development activities in this section aimed to enter markets from the next fiscal year onwards. We worked to develop new products suited to regional market characteristics, while continuing development to improve our existing products and expand our product range at the same time. In addition, we made progress in the development of machine tools other than sliding headstock automatic lathes (Swiss-type automatic lathes), and on the environmental front changed almost all our products except for NC equipment to satisfy the RoHS directives.

## SALES FRAMEWORK AND NET SALES BY REGION

## NET SALES BY REGION

(\%)


A significant proportion of Star Micronics' products are sold in international markets. To provide customer support globally, the Company operates an extensive network of overseas sites. (See table)

|  | U.K. | Germany | France | Switzerland |
| :--- | :--- | :--- | :--- | :--- |
| Special <br> Products | Star Micronics <br> Europe Ltd. |  |  |  |
| Machine <br> Tools | Star Micronics GB <br> Ltd. | Star Micronics <br> GmbH | Star Machine Tool <br> France SAS | Star Micronics AG |


|  | U.S. | Thailand | Hong Kong | China |
| :--- | :--- | :--- | :--- | :--- |
| Special <br> Products | Star Micronics <br> America, Inc. |  | Star Micronics Asia <br> Ltd. |  |
| Machine <br> Tools | Star CNC Machine <br> Tool Corporation | Star Micronics <br> (Thailand) Co., Ltd. |  | Shanghai Xingang <br> Machinery Co., Ltd. |

* Star Micronics America, Inc. markets components in addition to special products.
* Sweden-based sales subsidiary Star Micronics AB, currently in liquidation, is excluded from the above table.

