# Yamaha Corporation Analyst and Investor Briefing on the Third Quarter of Fiscal Year <br> Ending March 31, 2018 (FY2018.3) 

February 6, 2018

* YAMAHA


# Overview of Performance in the First Three Quarters of FY2018.3 (Nine Months) 

## Results Summary

- Sales increased by $¥ 20.4$ billion year-on-year, partly due to the impact of exchange rates (+ $¥ 14.2$ billion). Operating income was up $¥ 4.1$ billion from the same period of the previous year, also partly due to the impact of exchange rates (+ $¥ 2.6$ billion). Sales and operating income rose in all business segments.
> Musical instruments: Sales tracked toward recovery in developed markets, maintained double-digit growth in the Chinese market, and also remained robust in other regions.
> Audio equipment: Although sales of AV products and professional audio equipment did not meet expectations, they were up year-on-year in all regions.
> Others: Factory automation equipment sold briskly.
- Sales were $¥ 1.2$ billion above previous projections, partly due to the impact of exchange rates. Operating income was slightly below previous projections ( $-\neq 0.5$ billion), due to factors including an increase in business-size-based taxes relating to gains on sale of investment securities.
- Net income jumped year-on-year and against previous projections (announced on November 1, 2017), partly due to the posting of gains from a partial sale of shares in Yamaha Motor Co., Ltd.


## Performance in the First Three Quarters of FY2018.3 (Nine Months)

(Billions of yen)

|  | FY2017.3 1-3Q results | FY2018.3 $1-3$ Q results | Changes from the same period of the previous year | FY2018.3 1-3Q previous projections** | Changes from the previous projection |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 308.3 | 328.7 | +6.6\% | 327.5 | +0.4\% |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 37.4 \\ (12.1 \%) \end{array}$ | $\begin{array}{r} 41.5 \\ (12.6 \%) \end{array}$ | +11.0\% | $\begin{array}{r} 42.0 \\ (12.8 \%) \end{array}$ | -1.3\% |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 37.6 \\ (12.2 \%) \end{array}$ | $\begin{array}{r} 41.6 \\ (12.7 \%) \end{array}$ | +10.7\% | $\begin{array}{r} 41.5 \\ (12.7 \%) \end{array}$ | +0.3\% |
| Net Income* (Net Income Ratio) | $\begin{array}{r} 37.1 \\ (12.0 \%) \end{array}$ | $\begin{array}{r} 49.6 \\ (15.1 \%) \end{array}$ | +33.7\% | $\begin{array}{r} 32.5 \\ (9.9 \%) \end{array}$ | +52.5\% |


| Exchange |
| :---: |
| Net Sales <br> (Average rate during th period |
| Operating Income (Settlement rate) |

[^0]
## Performance by Business Segment in the First Three Quarters of FY2018.3 (Nine Months)

## Net Sales

## Operating Income

(Billions of yen)

| Impact of Exchange Rates |  |  |  |  | (bilions of yen) |
| :---: | :---: | :--- | :--- | :---: | :---: |
| Year-on-Year | $+\mathbf{+ 1 4 . 2}$ | Musical Instruments <br> Audio Equipment <br> Others | +9.3 <br> +4.7 <br> +0.2 |  |  |
| Versus previous <br> projections | $+\mathbf{+ 3 . 8}$ | Musical Instruments <br> Audio Equipment | +2.5 <br> +1.2 |  |  |

* Figures for previous projections are as of November 1, 2017


## FY2018.3 1-3Q Operating Income Analysis (Nine Months)

## Versus same period of the previous year

|  | Increase in <br> labor cost <br> at overseas <br> factories | Actual <br> decrease <br> in SG\&A |
| :---: | :---: | :---: |
|  | $-\ldots 0.9$ | $-\neq 1.3$ |

## Actual

 increase in sales and production, product mix, etc.$+¥ 3.3$
(Billions of yen)
Cost
reduction $+¥ 1.7$


FY2017.3 1-3Q
Impact of
exchange
rates
$+¥ 2.6$

FY2018.3 1-3Q

## Versus previous projections

Actual decrease in sales,
Cost reduction not product mix accomplished etc.
$-¥ 0.1$

- $¥ 1.8$

FY2018.3 1-3Q
FY2018.3 1-3Q
(previous projections)

## Musical Instruments: 1-3Q (Nine Months)

1-3Q

- Net Sales


FY2017.3 1-3Q FY2018.3 1-3Q

## 1-3Q Overview

Sales and income increased year-on-year.

By Product:

- 3Q sales were up 4\% year-on-year, and cumulative sales over the first three quarters also increased year-on-year in almost all product categories.
- Overall results were driven by digital piano and guitar sales, in particular.


## By region:

- Although 3Q sales were up 4\% year-on-year in North America and 2\% year-on-year in Europe, showing a trend toward recovery, cumulative sales over the first three quarters were down compared to the same period of the previous year in both regions.
- In the Chinese market, strong expansion in sales of pianos, digital pianos, and guitars maintained double-digit growth.
- Strong performance also continued in other regions, especially the Middle East, India, and Russia.


## Audio Equipment: 1-3Q (Nine Months)

1-3Q

■■■Net Sales

| - $\quad$ - ${ }^{\text {Net Sales }}$ |  | Operating Income |
| :---: | :---: | :---: |
| ICT devices | 85.0 | 92.3 |
|  |  | 11.5 |
|  | 10.6 |  |
| PA <br> equipment | 36.1 | 39.4 |
| AV <br> products, karaoke | 38.2 | 41.3 |
|  | 8.5 | 10.1 |

## 1-3Q Overview

Sales and income rose year-on-year.

- Although AV products sold briskly, especially in the sound bar and network audio categories, some sales were delayed until 4Q and sales were up only 3\% year-on-year.
- Professional audio equipment sales were robust in the Chinese market and other regions, and tracked towards a rebound in the North American market. Sales increased 3\% from the same period of the previous year.
- In the ICT device category, sales of voice communication devices remained robust.


## Others: 1-3Q (Nine Months)

1-3Q
(Billions of yen)


## 1-3Q Overview

Sales and income were up year-on-year.

- Strong sales of factory automation equipment contributed to ongoing year-onyear double-digit growth in the industrial machinery and components category.
- The impact of new products maintained brisk sales in the golf category.
(Note: the previous year’s results included $¥ 1.9$ billion in operating revenue for transferred resorts)


## Outlook for Fourth Quarter and Full Year

## Outlook for 4Q

- Musical instruments: European and North American markets are expected to continue rallying, and ongoing strength is anticipated in the Chinese market and other regions.
- Audio equipment: Although postponement of audio engineering and installations until next fiscal year will have an impact, product sales are likely to expand.
- Others: Slight slowdown expected as some electronic device purchases are postponed until next fiscal year.
- Exchange rate assumptions have been revised from US\$1= $¥ 110$ to US\$1=¥105 and from EUR1=¥125 to EUR1=¥130.


## Full Year Outlook

- Previous projections (announced on November 1, 2017) for sales, operating income, and ordinary income remain unchanged, and the revised net income projection announced on November 28 also remains unaltered.


## Forecast for Performance in FY2018.3 (Full Year)

|  |  |  |  |  | (Billions of yen) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { FY2017.3 } \\ & \text { results } \end{aligned}$ | FY2018.3 projections | Changes from the previous year results | FY2018.3 previous projections | Changes from the previous projection |
| Net Sales | 408.2 | 432.0 | +5.8\% | 432.0 |  |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 44.3 \\ (10.9 \%) \end{array}$ | $\begin{array}{r} 50.0 \\ (11.6 \%) \end{array}$ | +12.9\% | $\begin{array}{r} 50.0 \\ (11.6 \%) \end{array}$ | - |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 44.9 \\ (11.0 \%) \end{array}$ | $\begin{array}{r} 50.0 \\ (11.6 \%) \end{array}$ | +11.3\% | $\begin{array}{r} 50.0 \\ (11.6 \%) \end{array}$ | - |
| Net Income* (Net Income Ratio) | $\begin{array}{r} 46.7 \\ (11.4 \%) \end{array}$ | $\begin{array}{r} 57.0 \\ (13.2 \%) \end{array}$ | +22.0\% | $\begin{array}{r} 39.0 \\ (9.0 \%) \end{array}$ | +46.2\% |


| Exchange Rate (yen) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Net Sales | US\$ | 108 | 110 | 111 |
|  | EUR | 119 | 129 | 126 |
|  | US\$ | 108 | 110 | 111 |
| Income <br> (Settlement rate) | EUR | 121 | 126 | 126 |

[^1]
## FY2018.3 Full Year Forecast for Performance by Business Segment

Net Sales


## Operating Income



| Impact of Exchange Rates (billions of yen) |  |  |  |
| :---: | :---: | :--- | :---: |
| Year-on-Year | $+\mathbf{1 3 . 5}$ | Musical Instruments | +8.9 |
|  |  | Audio Equipment | +4.5 |
|  | Others | +0.2 |  |
| Versus previous <br> projections | $\mathbf{+ 3 . 9}$ | Musical Instruments | +2.6 |
|  |  | Audio Equipment | +1.2 |


| Impact of Exchange Rates |  |  |  |  | (billions of yen) |
| :---: | :---: | :--- | :--- | :---: | :---: |
| Year-on-Year | $\mathbf{+ 4 . 0}$ | Musical Instruments | +2.7 |  |  |
|  |  | Audio Equipment | +1.3 |  |  |
| Versus previous <br> projections | $\mathbf{+ 1 . 0}$ | Musical Instruments | +0.8 |  |  |

* Figures for previous projections are as of November 1, 2017


## FY2018.3 Full Year Operating Income Analysis

Versus previous year


FY2017.3

Actual increase in sales and
production,
product mix,
Impact of exchange
rates $+¥ 4.0$
etc.
$+¥ 5.0$
(Billions of yen)
Cost reduction ¥2.0

FY2018.3

Versus previous projections

Actual
Cost decrease in



FY2018.3
FY2018.3
(previous projections)

## Musical Instruments: Full Year Projections

(Billions of yen)

## Full Year

Net Sales Operating Income

## Full Year Projections

Sales and income are projected to rise year-on-year.

- Strong sales are likely to continue in the Chinese market and other regions, and sales are projected to surpass previous projections by $¥ 2$ billion, due to the impact of exchange rates.
- Previous projections for operating income remain unchanged, partly due to increased procurement costs.



## Musical Instruments: Sales by Region

(including software products and music schools)
Net Sales for All Regions Full year forecast: $\mathbf{¥ 2 7 3 . 5}$ billion (103\%)

Figures in red parentheses show actual year-on-year changes, discounting the impact of exchange rates


## Audio Equipment: Full Year Projections

## Full Year

- $\quad$ - Net Sales

Operating Income

## Full Year Projections

Sales and income are expected to increase year-on-year, but sales are likely to be lower than previous projections.

- Sales are projected to be $¥ 2$ billion below previous projections, due to postponement of audio engineering and installation until next fiscal year.
- Previous projections for operating income remain unchanged.

(previous projections)


## Audio Equipment: Sales by Region

Net Sales for All Regions Full year forecast: ¥122.5 billion (102\%) (Billions of yen)


## Musical Instruments/Audio Equipment: Sales by Major Product Category

(Billions of yen)


## Others: Full Year Projections

## Full Year

## Full Year Projections

Sales and income are expected to rise year-onyear. Previous projections remain unchanged.

- In the industrial machinery and components category, strong sales of factory automation equipment such as for smartphone testing machineries are expected to drive double-digit year-on-year growth, despite postponement of electronic device purchases until next fiscal year.
* Figures for previous projections are as of November 1, 2017
** Industrial machinery and components sales are the total for electronic devices, automobile interior wood components, factory automation equipment, etc.

(Billions of yen)



## Inventories



## Capital Expenditure/Depreciation/R\&D Expenses

Capital Expenditure (Depreciation)




| 24.4 | $\mathbf{2 5 . 2}$ | 25.7 |
| :---: | :---: | :---: |
| 4.2 | 4.5 | 4.4 |
| 11.4 | 11.8 | 12.1 |
| 8.7 | 9.0 | 9.2 |
| FY2017.3 | FY2018.3 Projections | FY2018.3 <br> (previous projection20 |

## Balance Sheet Summary

(Billions of yen)

|  | As of end of 3Q |  |  | As of end of fiscal year end |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { As of Dec. } 31 \text {, } \\ 2016 \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { As of Dec. } 31 \\ 2017 \end{array}$ | Changes | $\begin{gathered} \text { As of Mar. 31, } \\ 2017 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { As of Mar. 31, } \\ 2018 \text { projections } \end{array}$ | Changes |
| Cash and deposits | 97.7 | 138.7 | 41.0 | 105.9 | 120.7 | 14.8 |
| Notes and accounts receivable | 62.5 | 67.0 | 4.5 | 49.8 | 53.0 | 3.2 |
| Inventories | 97.4 | 99.6 | 2.2 | 93.1 | 96.9 | 3.8 |
| Other current assets | 23.1 | 29.5 | 6.4 | 23.9 | 28.4 | 4.5 |
| Fixed assets | 247.2 | 274.9 | 27.7 | 249.7 | 282.7 | 33.0 |
| Total assets | 527.9 | 609.7 | 81.8 | 522.4 | 581.7 | 59.3 |
| Notes and accounts payable | 16.6 | 18.2 | 1.6 | 17.8 | 18.6 | 0.8 |
| Short- and long-term loans | 24.5 | 25.9 | 1.4 | 11.2 | 10.5 | -0.7 |
| Other liabilities | 131.8 | 144.5 | 12.7 | 126.0 | 146.0 | 20.0 |
| Total net assets | 355.0 | 421.1 | 66.1 | 367.4 | 406.6 | 39.2 |
| Total liabilities and net assets | 527.9 | 609.7 | 81.8 | 522.4 | 581.7 | 59.3 |

## Return to Shareholders:

## Acquisition of Treasury Stock and Dividends

$>$ Details of acquisition
$>$ Purpose: To enhance shareholder returns and capital efficiency
$>$ Type of shares to be acquired: Common stock in Yamaha Corporation
$>$ Total number of shares to be acquired: 7 million (maximum)
$>$ Total amount of acquisition: $¥ 25$ billion (maximum)
$>$ Acquisition period: December 1, 2017 - May 31, 2018
$>$ Acquisition method: Purchase on the Tokyo Stock Exchange market
>The annual dividend for FY2018.3 will be $¥ 56$

|  | FY2013.3 | FY2014.3 | FY2015.3 | FY2016.3 | FY2017.3 | FY2018.3 <br> (projection) |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Annual per- <br> share dividend <br> (yen) | 10 | 27 | 36 | 44 | 52 | 56 |
| Payout ratio | $47.0 \%$ | $22.8 \%$ | $28.0 \%$ | $26.1 \%$ | $20.9 \%$ | $18.3 \%$ |
| Total return <br> ratio | $47.0 \%$ | $22.8 \%$ | $28.0 \%$ | $78.8 \%$ | $26.8 \%$ | $62.2 \%$ |

Appendix

## Performance in the Third Quarter of FY2018.3 (Three Months)

(Billions of yen)

|  | FY2017.3 3Q results | FY2018.3 3Q results | Changes from same period of the previous year | FY2018.3 3Q previous projections** | Changes from the previous projection |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 109.2 | 118.9 | +9.0\% | 117.7 | +1.0\% |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 12.7 \\ (11.6 \%) \end{array}$ | $\begin{array}{r} 17.5 \\ (14.8 \%) \end{array}$ | +38.0\% | $\begin{array}{r} 18.1 \\ (15.4 \%) \end{array}$ | -3.1\% |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 13.1 \\ (12.0 \%) \end{array}$ | $\begin{array}{r} 16.9 \\ (14.2 \%) \end{array}$ | +28.9\% | $\begin{array}{r} 16.8 \\ (14.3 \%) \end{array}$ | +0.5\% |
| Net Income* <br> (Net Income Ratio) | $\begin{array}{r} 9.8 \\ (9.0 \%) \end{array}$ | $\begin{array}{r} 29.9 \\ (25.2 \%) \end{array}$ | +204.0\% | $\begin{array}{r} 12.9 \\ (11.0 \%) \end{array}$ | +131.9\% |

## Exchange Rate (yen)

| Net Sales <br> (Average rate during the period | US\$ | 109 | 113 | 110 |
| :---: | :---: | :---: | :---: | :---: |
|  | EUR | 118 | 133 | 125 |
| Operating Income | US\$ | 106 | 113 | 110 |
|  | EUR | 114 | 130 | 130 |

[^2]
## Performance by Business Segment in the Third Quarter of FY2018.3 (Three Months)

| Impact of Exchange Rates |  |  |  |
| :---: | :---: | :--- | :--- |
| (billions of yen) |  |  |  |
|  | +6.1 | Musical Instruments | +4.1 |
|  |  | Audio Equipment | +2.0 |
|  | Others | +0.1 |  |
| Versus previous <br> projections | $\mathbf{+ 3 . 8}$ | Musical Instruments | +2.5 |
|  |  | Audio Equipment | +1.2 |


| Impact of Exchange Rates |  |  |  |  | (billions of yen) |  |
| :---: | :---: | :--- | ---: | :---: | :---: | :---: |
| Year-on-Year | $\mathbf{+ 3 . 8}$ | Musical Instruments | +2.9 |  |  |  |
| Versus previous <br> projections | $\mathbf{0}$ | Audio Equipment | +1.0 |  |  |  |

* Figures for previous projections are as of November 1, 2017


## Third Quarter Non-Operating Income/Loss \& Extraordinary Income/Loss (Nine Months)



## Full Year Non-Operating Income/Loss \& Extraordinary Income/Loss

(Billions of yen)
FY2017.3 full year
Non-Operating Income/Loss


* Figures for previous projections are as of November 1, 2017


## Quarterly Sales and Income

| Net Sales (Full Year) | 408.2 |
| :--- | ---: |
| Operating Income (Full Year) 44.3 |  |

In this report, the figures forecast for the Company's future performance have been calculated on the basis of information currently available to Yamaha and the Yamaha Group. Forecasts are, therefore, subject to risks and uncertainties.

Accordingly, actual performance may differ greatly from our predictions depending on changes in the economic conditions surrounding our business, demand trends, and the value of key currencies, such as the U.S. dollar and the euro.


[^0]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    ${ }^{* *}$ Figures for previous projections are as of November 1, 2017

[^1]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    ${ }^{* *}$ Figures for previous projections are as of November 1, 2017

[^2]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    ** Figures for previous projections are as of November 1, 2017

